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AUTUMN  
CATALOG

1911

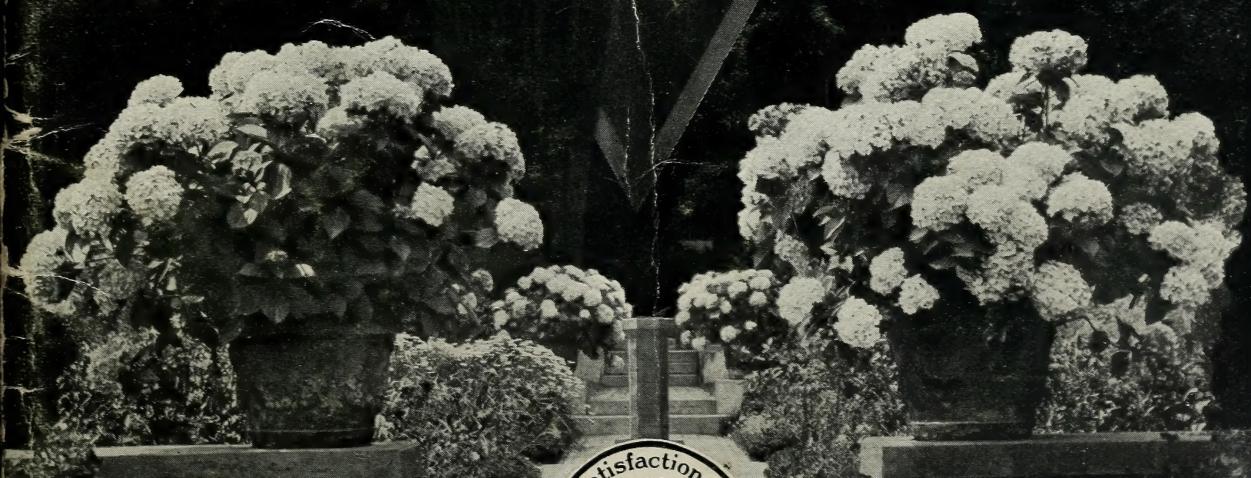
"DIAMOND  
QUALITY"

*Mme De Graaff*

NEW GIANT WHITE  
DAFFODIL



BULBS  
ROSES  
FRUIT AND  
ORNAMENTAL  
TREES  
BERRY  
PLANTS



PORTLAND  
PORTLAND,

SEED CO.,  
OREGON.



# New Books

Interesting and Valuable Reference Works by Famous, Practical Men.

Orchardists, Nurserymen, Florists, Gardeners and amateur growers will find a reliable text book to be their best guide, and greatest aid to success.

We have carefully selected the following most practical works on the subjects treated.

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Home Floriculture, 300 pages, 5x7 in. C	1.10	Water Lilies and How to Grow Them, Conard & Hus, 228 pages, 5x7½ in.	C 1.10
Horticulturist's Rule Book, Bailey, 312 p. C	.90		

**Bees In Orchards Are An Imperative Necessity**  
**WE CAN TELL YOU WHY** and will send you a copy of our complete Catalog  
 of "Diamond Quality" Bee Supplies, free on request

## GUARANTEE OF GENUINENESS

While we exercise the greatest care to have all our stocks true to name, and hold ourselves in readiness on proper proof to replace all trees, etc., that may prove untrue to label free of charge, or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that may prove untrue.

# AUTUMN CATALOG

Bulbs, Roses, Shade and Ornamental Trees and Flowering Plants



1911 -- 12



**T**HE BEAUTY AND VALUE of planting-improvements, do not lie in their extent or the amount expended upon them, but in their tasteful and appropriate relation to their surroundings and to the selection of suitable varieties that, where desirable, will give permanency.

To assist you in your selection—which is a matter of first importance—we list in this Catalog only such standard varieties and novelties of real merit as experience has proven will give satisfaction.

**Our Dutch, French, Japanese and Native Bulbs** are the choicest “Top-root” size from the most reliable growers—not the small, immature mail order stock which is usually offered.

**Oregon Roses** are world famous and we are justly proud of our two-year field grown plants, which include the latest novelties from the most famous Irish, English and European growers. We list only those that are most desirable, but can supply any variety in commerce, guaranteed true to name.

**Fruit and Ornamental Trees, Shrubs and Berry Plants** are grown near Portland and in no other country do nursery stocks grow to such perfection, and the Western varieties of fruits and berries originating in Oregon and the Pacific Northwest have no equals in their various classes, being a revelation to orchardists from other sections.

**Ferns, Palms, House Plants, Perennial Border and Bedding Plants** of our own growing, fine healthy specimens, the most beautiful and useful varieties, can be supplied in season in unlimited quantities.

**Tell us your Planting Plans.**—If in doubt as to variety, or if special effects are required, our experience may prove helpful and save you money and disappointment. Our facilities for serving you promptly are unexcelled and your orders or inquiries will have immediate and courteous attention.

PORLAND SEED COMPANY.

## IMPORTANT...PLEASE READ CAREFULLY

**When To Order.**—We issue this Catalogue in September, but customers can order at any time and goods will go forward in season, as follows:

**Flowering Bulbs.**—We are direct importers from Holland, France, Bermuda and Japan; stocks begin to arrive in August, most deliveries being complete by December 1st, except such bulbs as Cannas, Dahlias, Gladioli, Tuberous Begonias, etc., which are not ready until after February 1st.

Orders should be placed early in the fall as late plantings do not give best results, but stock can be supplied up to March 1st. If you are not ready to plant bulbs when received, put them away in a cool, dry place and they will keep for weeks.

See Cultural Directions under the different headings for best time to plant.

**Palms, House Plants, Etc.**—Our importations of these arrive from December to May. During these months we have large and complete stocks, but we can generally furnish nice plants during the whole year. Palms and plants should be potted as soon as possible after arrival and watered well for a day or two so as to settle the earth round all the little fibrous roots.

**Roses.**—We are headquarters for Roses and guarantee all varieties true to name. In our list will be found the recent introductions of the world's great

rose specialists, if there is a novelty of real merit we can supply it. Our large two year old field grown roses are ready for delivery from October until June, one year old mailing size from January to August. The earlier you set them out the better they will grow.

**Fruit, Shade and Ornamental Trees and Shrubs.**—We ship these from October until June and recommend fall and early spring planting. Late plantings are successful if you water freely. If you do not want to plant on arrival, dig a trench and ‘heel’ your trees in. If the ground is frozen, put them in a cellar and keep the roots damp.

**Mail and Express Charges on Bulbs.**—Only Flowering Bulbs are prepaid at catalog prices. All other items F. O. B. Portland, unless otherwise stated.

**Complaints or Praises.**—If our goods and treatment please you, tell others; if anything is wrong, tell us quickly, so that we can make it right. Our best efforts will be given to filling all orders in a satisfactory manner.

Order early—it helps us to please you.

We never Substitute without permission from our customer. But as many items are sold out as the season advances, when requested, we will substitute varieties of equal merit maturing about the same season. But always labeled true to name.

**NOTE.—WE CANNOT SEND GOODS C. O. D.—CASH MUST ACCOMPANY ALL ORDERS.**

Our Oregon grown nursery stocks are strong, vigorous Trees and Plants — The best the world produces—Carefully selected, true to name, guaranteed free from disease and pests, and, in strict compliance with our State Horticultural Laws, are always inspected before shipping.

# Bulb Planting Tables

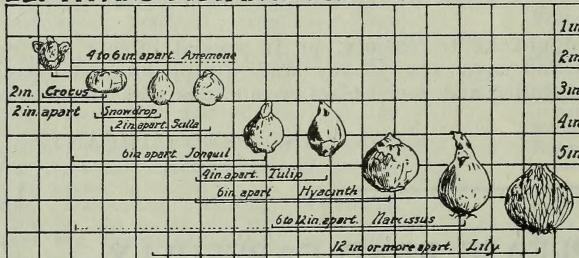
## Number of Bulbs Required for Planting Different Sized Beds of Tulips or Hyacinths

Everyone can afford a bed of flowering bulbs. They bloom so early, make such handsome and showy displays, and require so little care that their general use is increasing each year. As the circular bed is the most popular and satisfactory, we use it as a basis to figure on. If you want a square or oblong bed the cultural directions of the different bulbs will give you the distance bulbs should be planted apart. The best effect in bulb beds is obtained by planting to solid colors, but if variety is wanted we would not advise you to select over two or three colors. Too many colors spoil the whole effect. A very satisfactory way is to plant a solid center with one or two of the outer rows of another color; a pleasing effect is obtained by dividing the bed into four sections, planting each in a separate color. In ordering bulbs for the mixed beds and for the number contained in the two outer rows of different sized beds, refer to table below.

Diameter of Bed	No of Bulbs Required		No of Bulbs Required for Two Outer Circles Only	
	Tulips	Hyacinths	Tulips	Hyacinths
3 feet.....	64.....	36.....	50.....	31.....
4 feet.....	113.....	50.....	68.....	45.....
5 feet.....	177.....	80.....	87.....	57.....
6 feet.....	254.....	120.....	104.....	69.....
7 feet.....	346.....	160.....	122.....	82.....
8 feet.....	452.....	210.....	140.....	95.....
9 feet.....	573.....	270.....	160.....	110.....
10 feet.....	707.....	330.....	180.....	120.....

NOTE—Plant the Tulips four inches apart in the rows and the rows four inches apart. Hyacinths six inches apart and the rows six inches apart. Narcissi same as Hyacinths. For Crocus, Snowdrops, etc., double the number of Tulips. See chart below.

### DEPTH AND DISTANCE FOR OUTDOOR PLANTING



### HYACINTH GLASSES

These are for Growing  
HYACINTHS AND NARCISSUS

In water, see page 3

High or Low, Each, 20c; doz. \$2.00

The sooner Hyacinths and Daffodils are planted the better they will grow and force.

### Suggestions for Tulip Beds

No. 1—Circular Bed of Vermillion Brilliant with edging of two rows of Chrysolora, yellow.....

No. 2—Round Bed in four sections, first quarter Cottage Maid, pink; second, Chrysolora, yellow; third, Artus, scarlet fourth, La Reine, white. This arrangement is effective with two colors, red and white being best.

No. 3—A Circular Bed of pleasing variety is made with Kaiserskroon scarlet edged gold, in center, Belle Alliance scarlet, next, then La Reine white, and on outside rows Chrysolora yellow.

No. 4—Bed in Three Sections or three rows of color; Crimson King, scarlet; Rose Griselin, pink; L'Immaculee, white.

No. 5—Bed in Three Sections or Rows; Joost van Vondel, cherry red with white stripe; Rose Griselin, pink; Yellow Prince, bright yellow.

No. 6—Double Tulips—Rubra Maxima, scarlet and La Candeur, white, give a fine showing, holding their form and lasting well.

No. 7—Single May Flowering—White Swan, Genseriana Spathulata, rich crimson, and Bouton d'Or, pure deep yellow, can be used in pleasing combination. They are tall growers (18 inches) and the best of their colors.

Solid Beds of Murillo, early double light pink, or Rose Griselin, early single delicate pink, are very attractive.

Plant a shallow rooting annual in your Tulip bed, and you will not have a bare spot when the bulbs are gone. It also keeps the weeds down. Forgetmenots, Petunias, Pinks, Poppies, Verbenas, Candytuft, are a few of the best. Low growing perennials are also good, as they need not be disturbed. It is best not to lift Tulips each year. Leave them in the ground. They bloom better.

**FLORISTS, GARDENERS and LARGE BUYERS of BULBS, should submit their Lists for Special Prices on the Number of Bulbs they Use. We can save You Money and Our "Diamond Quality" Bulbs will Give You Satisfaction**

# HYACINTHS

## ALL HYACINTHS ARE WELL ADAPTED TO POT CULTURE, OPEN BEDS OR BORDERS

**Hyacinths**—The grandest of all hardy flowering bulbs, delight millions of flower lovers throughout the world with their matchless beauty and rare fragrance.

Every home could be cheered in winter and every garden be glorified in spring with their fragrant and beautiful wax-like flowers. Hyacinths are amendable to the most diverse treatment and bloom in splendid profusion in the winter or spring, as desired.

They may be grown in pots, glasses or the garden. The colors, shades and tints are wonderfully varied, from the purest white through blush, pink, rose, etc., to the deepest red, and from daintiest porcelain through yellow to orange and rosy apricot, etc.

Named varieties, marked "XX" and "X," produce the finest trusses of blooms, and should always be selected for specimens in pots or glasses. The cheaper grades are usually used for bedding, garden borders, or for forcing for winter cut flowers.

### Culture of Hyacinths

**OUTDOOR CULTURE.**—The preferable season is October, November and December, but bulbs will give good results if planted somewhat later. Plant so that the tops of the bulbs will be from two to three inches below the surface and five to eight inches apart. In preparing the bed, see that it is well drained, so that the bulbs will not rot during our long wet winters. After flowering, if the beds are wanted for late spring planting take up the bulbs, tops and roots, and "heel in" in some corner of the garden until the bulbs mature, after which they should be spread out in an airy room to dry, and kept in a cool, dark place until time for replanting the following autumn.

**CULTURE IN GLASSES.**—When it is desired to grow Hyacinths or Narcissus in water, they should be placed so that the base of the bulb merely touches the water. The glass should then be set in a cool, dark place, until filled with roots, when they may be brought into the light. Fill the glasses with fresh water every few days. Give as much fresh air as possible without letting the plants stand in a draught, and as nearly as possible at a temperature of 60 degrees until the spikes are developed.

**INDOOR CULTURE IN POTS.**—Bulbs for winter blooming can be planted from September until December—the earlier the better. Plant one bulb to a four-inch, or three to a six-inch pot. Then place in a cool, dark cellar, watering well. The whole success of pot culture depends on getting the roots well established in the pots, at a low temperature of, say, 40 to 50 degrees, before you begin to force the tops. From four to six weeks is not too long to leave them in a dark, cool place.

After this the bloom is easily developed by giving light, heat and water, and one can have a supply of flowers from Christmas until Easter by regulating the time of bringing them to light.



Roman Hyacinths

### SELECTED FRENCH

## Roman Hyacinths

WHITE  
PINK and  
BLUE

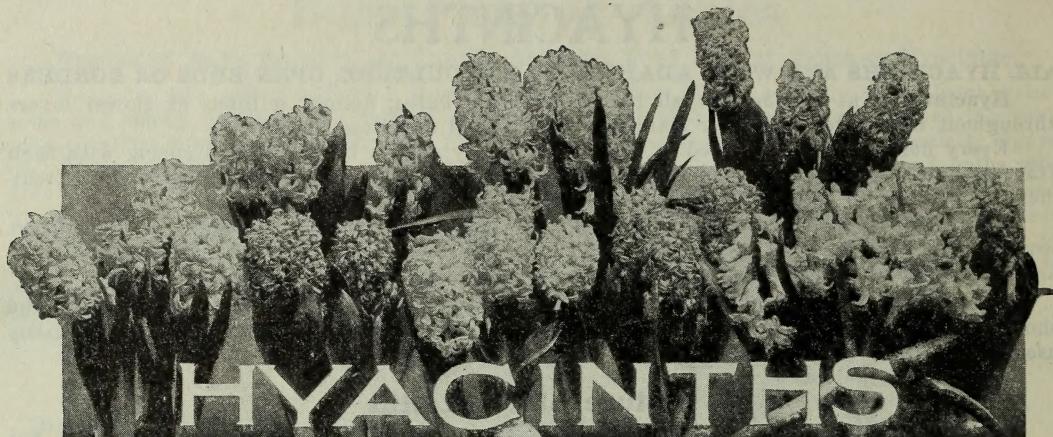
A charming class of Hyacinths, extensively grown by florists for winter flowering. Each produces several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular. They are so easily grown and so early that if potted early they can be brought into flower in November and December, and a succession can be had in bloom throughout the winter and early spring.

The best effect is produced by planting four to twelve bulbs in the shallow bulb pots. They may also be planted outdoors.

For cutting purposes the Roman Hyacinth is the finest bulb grown and is most valuable for early planting in the house. Be sure to state whether you want White, Pink or Blue. White "Romans" are the best bloomers.

First size, select bulbs, 7c; dozen, 75c; 100

\$5.00



# HYACINTHS

## "DIAMOND QUALITY" TOP ROOT BULBS--Select Single Named

Our "X" Grade.—For those of our customers who want to produce Hyacinths of the grandest size and finest quality, we recommend our "XX" grade. These are extra choice, large, round, solid bulbs, selected especially for our best trade by our Holland growers. They will produce those handsome, mammoth flowers so highly prized, and are excellent for forcing and pot culture.

Our "X" Grade.—This grade is usually bought, and we sell more of this price and size bubs than any other. Our "X" grade is equal, if not superior, to the "First" or "Select Grade" offered by many seed stores.

### Prices Postpaid

XX Grade....Each....\$0.15	; doz.... \$1.50	X Grade....Each.... .12½; doz.... 1.25
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**Special prices by the hundred—State varieties preferred.**

### Single Red and Pink.

**Baron Van Thuyll**—Fine pink, large spikes, early; forces easily.

**Cavaignac**—Large Salmon Pink, forces well, a good keeper, extra fine for exhibition.

**Charles Dickens**—This is decidedly one of the finest pinks; spikes large; easy to force.

**General Pelissier**—Brilliant carmine, compact spike; an early forcer. One of the best.

**Gertrude**—Fine rosy pink; excellent sort for forcing or bedding. Flowers large.

**Gigantea**—Fine blush pink; giant, compact spike; a popular sort among gardeners.

**King of Belgium**—Fine deep scarlet; compact truss. Excellent bedder.

**Lady Derby**—(New)—Lovely light rose pink, large spike.

**Moreno**—Extra fine pink, very large spikes and bells; forces easily. Highly recommended.

**Norma**—Pale, waxy pink, handsome, large and good forcer. Extensively planted.

### Two New Beauties

**Queen of the Pinks**—New, extra large spike of great beauty; color bright shell pink, dainty, gracefully formed florets. The finest Pink Hyacinth. Select bulbs.

Each, postpaid, 60c

**La Victoire**—New brilliant carmine. The most beautiful and distinctive of this color. Select bulbs.

Each, postpaid, 40c

Be sure to include "Queen of the Pinks" and "La Victoire" in your order. You have never seen their equal.

### Single Blush White

**Grand Blanche**—A fine blush white, flowers large and of excellent quality.

**Grandeur a Merveille**—Lovely blush white, the best of its color; very large spikes. Very popular.

**Mr. Plimsoll**—Extra fine, blush white, large flower and bells.

### Single Pure White

**Arentine Arendse**—Grand pure waxy white flower, with large spike and bells.

**Blancheur d'Merveille**—Pure white, large, good form, extra fine.

**British Queen**—Pure white, very fine for early forcing, large compact spikes, very desirable.

**Baroness Van Thuill.**—Large, pure white, handsome, compact spikes, very early, grows well in glasses.

**La Grandesse**—Extra fine snow white, large spikes of fine formed bells, a grand exhibition variety, having no equal among the single whites.

**L'Innocence**—One of the earliest; pure white; fine for forcing.

**Madam van der Hoop**—Pure white. We believe this is the best white for general planting; flowers large and handsome; erect habit; very popular.

**SELECT SINGLE NAMED HYACINTHS—Continued****Single Blue**

**Grand Lilas**—Extra fine porcelain blue, grand large spikes and bells; forces easily. The finest light blue.

**Johan**—Fine light blue, extra large, splendid bedder.

**King of Blues**—Deep glossy blue, large compact spikes. The finest dark blue Hyacinth in cultivation.

**La Peyrouse**—Dainty porcelain blue; grand size; best of the pale blues for bedding.

**Enchantress**—Clear pale blue; one of the finest exhibition varieties.

**Lord Derby**—Pearl blue, very large handsome spike, good for glass, very desirable sort.

**Marie**—Dark violet blue, immense spikes of good form, comes early, grows well in glass.

**Grand Maitre**—Deep porcelain blue; spikes large and handsome.

**Regulus**—A lovely clear blue, fine for bedding.

**Queen of the Blues**—A beautiful light blue with silvery sheen; a large, handsome flower, a favorite with florists.

**Single Yellow**

**Ball of Gold**—Large compact spike, golden yellow, best of its color.

**Ida**—Best pure yellow, for early forcing, fine large spike.

**King of Yellows**—Fine, bright golden yel-

low, grand spikes, a superior bedding variety.

**MacMahon**—Rich yellow, large spike. Excellent flower, forces early.

**Yellow Hammer**—Golden yellow, extra fine flower, forces easily; exhibition variety.

**Select Double Named Hyacinths**

All are First Size, Large, Solid, Select Bulbs  
Price, each 15c; dozen, \$1.50

While the flowers of Double Hyacinths are large and beautiful, the spikes are not generally so full of bells as those of the single sorts.

**Double Red**

**Bouquet Royal**—Salmon pink, red center; very choice.

**Noble par merite**—Deep red, fine large spike; early; fine forcer.

**Lohengrin**—Fine bright pink.

**Double White**

**Bouquet Royal**—Pure white, large spike, very fine.

**La Tour d'Auvergne**—Earliest pure white; a grand flower.

**Isabella**—Fine blush white; grand spike; excellent.

**Double Blue**

**Bloksberg**—Light blue, marbled.

**Charles Dickens**—Dark porcelain blue, extra fine spike and bells.

**Garrick**—Deep azure blue, very large spike.

**Double Yellow**

**Goethe**—Light yellow, large spike, one of the best double yellow Hyacinths.

**William III**—Rich orange yellow, good bloomer, one of the very best yellows.

**"DIAMOND QUALITY" Bedding Hyacinths****Assorted Colors**

A superior grade of large size, selected bulbs, generally used for planting outdoors in making up beds, borders or large displays, but are equally good for forcing. They are low in price but of superior quality and will all produce fine spikes of bloom. These Hyacinths are not to be classed with the cheap grade of bulbs usually sold as "mixed" Hyacinths.

**Single**

	Each.	Doz.	Each.	Doz.
k	\$0.06	\$0.65	Blush White . . . . .	\$0.06 . . . . .
Red . . . . .	.06	.65	Light Blue . . . . .	.06 . . . . .
White . . . . .	.06	.65	Dark Blue . . . . .	.06 . . . . .
Pure White . . . . .	.06	.65	Yellow . . . . .	.06 . . . . .
Per 100 . . . . .			\$4.25	

**Double**

	Each.	Doz.		
Red . . . . .	\$0.06	\$0.65	Light Blue . . . . .	\$0.06 . . . . .
White . . . . .	.06	.65	Pink . . . . .	.06 . . . . .
Pure White . . . . .	.06	.65	Yellow . . . . .	.06 . . . . .
Per 100, any color, except Pure White . . . . .	4.25		Pure White . . . . .	4.75

For May Flowering or  
Cottage Tulips, see page 8

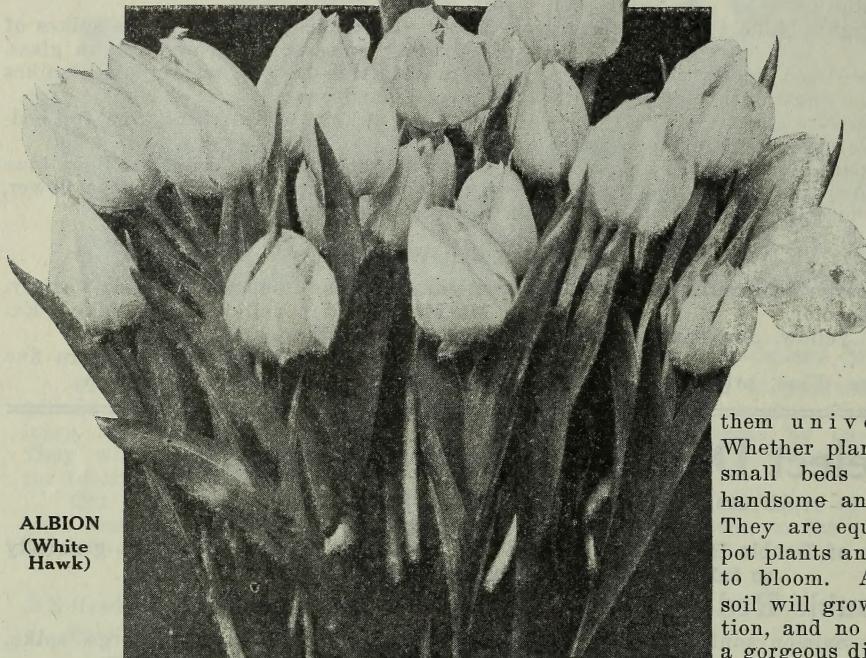
"DIAMOND  
QUALITY"

# TULIPS

Select Large

Solid

Bulbs



**ALBION**  
(White Hawk)

**N**OTHING is more attractive than a bed of good Tulips. Their great variety of color, intense brilliancy and beautiful shading make them universal favorites. Whether planted in masses or small beds they produce a handsome and striking effect. They are equally desirable as pot plants and are always sure to bloom. Any good garden soil will grow them to perfection, and no bulb makes such a gorgeous display of blossoms with so little cultivation.

**Culture**—The culture of Tulips is similar to that of Hyacinths, except that the bulbs should not be planted quite so deep, and from three to six inches apart. All Single Tulips force easily. For indoor planting we have regular Tulip pans. Plant four bulbs to a six-inch pan; eight to an eight-inch pan, etc.

The letters A, B, C, following the varieties, indicate their earliness of bloom; the A's are the earliest, B's follow, etc. The average height in inches is also given for your benefit in selecting for bedding purposes.

**Outdoors**—Early or late planting does not seem to have much effect on Tulips, but they should be planted in fresh, rich soil, but not freshly manured, manuring should be done 6 months before planting.

## Single Early Tulips

### Single Scarlet

**Artus, B 7**—Deep, brilliant scarlet, fine for forcing or bedding.

Each, 3c; doz., 30c; 100, \$1.50

**Belle Alliance, B 7**—Brilliant scarlet, sweet scented, excellent for forcing and bedding.

Each, 5c; doz., 50c; 100, \$3.00

**Duc van Tholl, A 6**—Bright scarlet; one of the finest for bedding and forcing.

Each, 4c; doz., 40c; 100, \$3.00

**Prince of Austria, B 12**—Bright orange vermillion, large sweet-scented flower, fine forcer and bedder.

Each, 4c; doz., 40c; 100, \$3.00

**Vermillion Brilliant, B 8**—A beautiful flower; forces easily and early; one of the largest and finest scarlets.

Each, 8c; doz., 50c; 100, \$4.00

### Single Violet

**Wouverman, B 8**—Purple violet, large flowers; fine for outdoor planting.

Each, 6c; doz., 60c; 100, \$5.00

**Cramoise Brilliant, B 10 (Sparkler)**—Bright vermillion, large flowers of great substance, fine forcer:

Each, 4c; doz., 40c; 100, \$3.00

**Crimson King, B 7**—Bright crimson or scarlet, easily forced.

Each, 3c; doz., 30c; 100, \$1.75

**Maes, A 10**—Rich scarlet tinged purple inside, center bronze with bright yellow ring; one of the earliest and best bedders.

Each, 5c; doz., 50c; 100, \$4.00

**Pottebakker, A 8**—Bright scarlet; large fine flower, good for forcing or bedding.

Each, 4c; doz., 40c; 100, \$3.00

**Couleur Cardinal B 10**—Rich bronze scarlet, large fine flower of great substance, long stems, erect habit; a splendid bedder and one of the best for forcing. Our stock is extra fine.

Each, 4c; doz., 40c; 100, \$2.40

**Van der Neer, A 10**—Large violet purple, fine form, early.

Each, 6c; doz., 60c; 100, \$5.00

**President Lincoln, B 8**—Pretty shade of lilac violet.

Each, 5c; doz., 50c; 100, \$3.75

## EARLY SINGLE TULIPS---Continued

## Single White

**Albion, B 10** (White Hawk)—One of the finest pure white Tulips in cultivation for forcing and bedding; flowers snow white, very large and of great substance.

Each, 5c; doz., 40c; 100, \$2.75

**Duc van Tholl, A 7**—Pure white; the best white Tulip for early forcing.

Each, 3c; doz., 30c; 100, \$2.00

**Joost Van Vondel**—White—**B 9**—Finest and most handsome pure white Tulip, extra large.

Each, 5c; doz., 50c; 100, \$4.00

**Pottebakker, A 9**—Pure white; fine large flowers.

Each, 4c; doz., 35c; 100, \$2.50

## Single Yellow

**Chrysolora, A 9**—Pure golden yellow, large and fine; excellent for bedding.

Each, 3c; doz., 30c; 100, \$1.75

**Gold Finch, B 9**—Golden yellow, sweet scented; forces easily and early; stands well, a good bedding sort.

Each, 3c; doz., 30c; 100, \$2.00

**Mon Tresor—A 10**—Earliest golden yellow, fine large flowers, one of the best forcing Tulips.

Each, 4c; doz., 40c; 100, \$2.50

**Thomas Morus, A 12**—Apricot orange. The finest forcing tulip of its color, large elegant form, very early.

Each, 3c; doz., 30c; 100, \$2.00

**Primrose Queen, B 10**—A beautiful new tulip; rich sulphur yellow; a splendid forceer and good keeper. Florists should try this.

Each, 6c; doz., 60c; 100, \$4.00

**Golden Queen, A 13**—A fine deep yellow, early and extra large.

Each, 5c; doz., 40c; 100, \$3.00

**Yellow Prince, B 9**—Sweet scented; one of the very best for forcing; a fine yellow.

Each, 3c; doz., 35c; 100, \$1.75

## Finest Single Mixed

This mixture contains all colors and shades, and is very fine for bedding.

Each, 3c; doz., 25c; 100, \$1.50

## Single Variegated Tulips

**Brutus**—Orange crimson, yellow edge; fine for forcing. Each, 3c; doz., 30c; 100, \$2.00

**Cottage Maid, B 9**—White bordered with, pink, extra fine and showy.

Each, 3c; doz., 30c; 100, \$1.75

**Joost van Vondel, B 9**—Deep, glossy, cherry red and white, large and attractive.

Each, 4c; doz., 35c; 100, \$2.75

## Parrot Tulips (For the Open Ground Only.)

These Tulips have immense, attractive flowers of singularly picturesque forms and brilliant and varied colors. The petals are curiously fringed or cut. They form extravagantly showy flowers of endless variety of form and color, and should be grown in every flower garden.

**Admiral de Constantinople**—Orange red, good size.

**Cafe Brun**—Orange, red feathered; very showy.

**Cramoise Brilliant**—Beautiful carmine red, large flowers; very fine.

**Lutea Major**—Golden yellow, extra fine and large flowers.

**Markgraaf**—Inside rich orange, outside scarlet and yellow, feathered, extra fine.

**Perfecta**—Yellow, scarlet feathered.

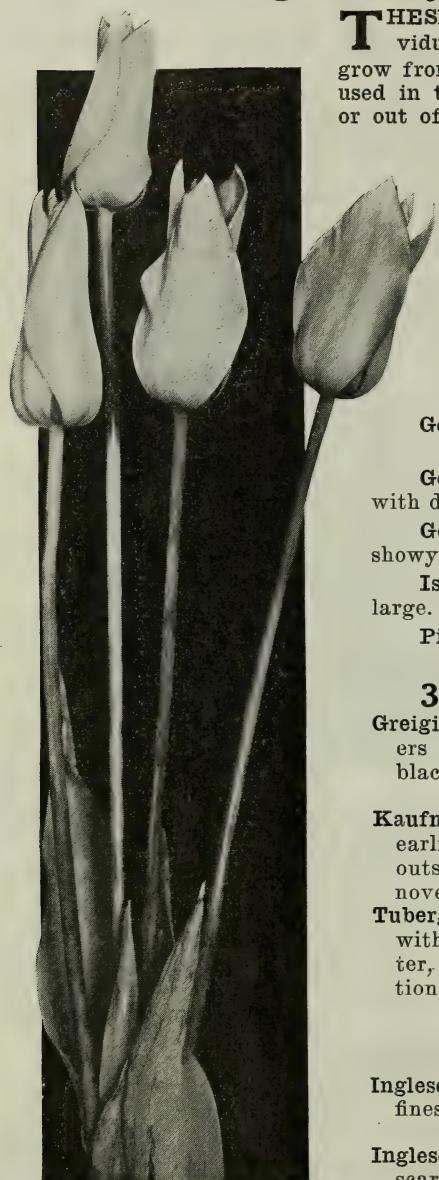
Named Varieties.

Each, 3c; doz., 30c; 100, \$2.00

**Fine Mixed**—This mixture contains a large assortment of colors.

Each 3c; doz., 30c; 100, \$1.50

# Single May Flowering Tulips



**ELLEN WILLMOT**

**The Fawn**—Large oval flower, color light gray, changing to soft rosy white.

Each, 7c; doz., 75c; 100, \$6.00

**Caledonia**—Bright orange vermillion; extra fine.

Each, 4c; doz., 35c; 100, \$2.75

**Elegans Red**—Beautiful dark crimson; elegantly formed, petals reflexed.

Each, 5c; doz., 50c; 100, \$4.00

**Elegans Alba**—White with red penciling on margin, gracefully reflexed petals, yellow anthers.

Each, 5c; doz., 50c; 100, \$4.00

**Primrose Beauty**—Soft primrose, changing to white; a magnificent flower of the Willmot type.

Each, 8c; doz., 80c; 100, \$6.00

**THESE** are to be grown in the open ground only, each individual blossom being a marvel of beauty in itself. They grow from 18 to 24 inches high and appear at their best when used in the border, the foreground of shrubbery or buildings, or out of the way corners of the garden, where, if left undisturbed, they will bloom with increasing beauty for years. They are extremely hardy and the flowers borne on long, strong stems are good keepers when cut.

**Bizarres**—Yellow ground, flaked with crimson, purple and violet. Each, 3c; doz., 30c; 100, \$2.00

**Bouton d'Or**—Golden yellow, graceful form, beautiful flower. The only late pure deep yellow, Each, 3c; doz., 30c; 100, \$1.50

**Byblooms**—White ground, flaked with violet, crimson and maroon. Each, 3c; doz., 30c; 100, \$2.00

**Gesneriana Lutea**—Deep yellow, fine, large flower. Each, 4c; doz., 35c; 100, \$2.50

**Gesneriana Spathulata**—Blooms large; color rich crimson with dark center. Each, 3c; doz., 30c; 100, \$2.00

**Golden Crown**—Deep yellow, with crimson edge; very showy. Each, 3c; doz., 25c; 100, \$1.50

**Isabella**—(Shandon Bells)—Cream turning to carmine, large. Each, 3c; doz., 30c; 100, \$2.00

**Picotee**—White with a pink border; fine for cutting. Each, 3c; doz., 30c; 100, \$2.00

## 3 Splendid Tulips for Rock Gardens

**Greigi**—The Queen of Tulips," handsome and distinct; flowers very large; brilliant orange scarlet with yellow and black center; spotted foliage.

Each, 12c; doz., \$1.25; 100, \$10.00

**Kaufmanii**—A wonderful new tulip blooming four weeks earlier than any other variety; color white inside, pink outside of petals; a rare and beautiful combination; a novelty of great merit. Each, 15c; doz., \$1.50; 100, \$12.00

**Tubergiana**—Giant of all Tulips; color brilliant vermillion with dark blotch at base; flowers 8 to 10 inches in diameter, height 20 inches, May flowering, prefers sunny situation, fine for rock garden. Each, 25c; doz., \$2.50

## "DIAMOND" COLLECTION 12 Most Beautiful Show Tulips

**Inglescombe Pink**—Salmon pink with blue base; one of the finest of the large May flowering Tulips.

Each, 4c; doz., 40c; 100, \$3.00

**Inglescombe Scarlet**—Same form as above. Color a rich scarlet; black base. Each, 4c; doz., 40c; 100, \$3.00

**Inglescombe Yellow**—A large fine yellow of perfect form; may be used for yellow Darwin.

Each, 15c; doz., \$1.50; 100, \$12.00

**Vitellina**—Pale primrose, passing to pure white; a graceful, artistic flower slightly reflexed. Each, 5c; doz., 50c; 100, \$3.75

**Fairy Queen**—Rosy heliotrope, broadly margined yellow; inside of petals brownish red.

Each, 5c; doz., 50c; 100, \$3.50

**Mrs. Moon**—Large orange yellow. A superb Tulip, the best of its color.

Each, 7c; doz., 75c; 100, \$6.00

**Ellen Willmot**—An exquisite shade of rich creamy yellow; large, refined flower; delicious fragrance; long keeper. The finest May flowering Tulip. Each, 10c; doz., \$1.00; 100, \$8.00

 **SPECIAL**—For trial, one each of these 12 beautiful rare Tulips for only 70c, postpaid.

## New Giant Darwin Tulips

This new class of giant May flowering Tulips have a majestic beauty distinctively their own that is invaluable for garden and landscape effects, while their immense globular flowers of perfect form and satiny, waxlike texture, long stems and lasting qualities, make them ideal for cutting. They come in the most varied and brilliant coloring, from white through dainty pinks, salmon, rose, and deep rich reds to black, lavenders, heliotrope, blue, violet, purple, bronzes and browns, but as yet no pure yellow. Inglescombe Yellow, page 8, in the May flowering Tulips can be used and is known as the Yellow Darwin.

For best effects Darwins should be planted in clumps of from 15 to 25 bulbs of one color, or in the foreground of shrubs, trees, borders, or buildings. They prefer partial shade, but will thrive in any location. They come in hundreds of varieties, of which we offer the following as the best of their color. Try them.

**Bronze Queen**—Extra large light bronze yellow. Each, 8c; doz., 85c; 100, \$6.00

**Clara Butt**—Deep apple blossom, extra fine. Each, 7c; doz., 70c; 100, \$5.25

**Gretchen**—Large globular delicate pink flower, inside soft blush.

**Farnscombe Sanders**—Beautiful fiery scarlet; best of its color.

Each, 8c; doz., 80c; 100, \$5.00

**Kate Greenway**—One of the largest and latest; immense white flowers suffused with lilac. Each, 5c; doz., 40c; 100, \$3.00

**La Candeur**—(White Queen)—Splendid white flower, tinged delicate blush; large size.

Each, 5c; doz., 50c; 100, \$4.00

**La Tulipe Noire**—The Black Tulip, flowers large, lustrous and attractive, of fine form, true Darwin type, grows 24 inches high, May flowering. A rare novelty.

Each, 30c; doz., \$3.00

### ASSORTED NAMED VARIETIES.

Each, 5c; doz., 50c; 100, \$3.50

**Loveliness**—A beautiful soft rosy carmine; extra fine. Each, 4c; doz., 40c; 100, \$3.00

**Mme. Krelage**—Bright pink, lighter edge. Each, 5c; doz., 50c; 100, \$3.50

**Pride of Haarlem**—Brilliant salmon rose, shaded scarlet, blue at base; of grand size and form. Each 5c; doz., 50c; 100, \$4.00

**Rev. Ewbank**—Soft Mauve, light edging. Each, 5c; doz., 50c; 100, \$4.50

**The Sultan**—Glossy blackish maroon.

Each, 5c; doz., 50c; 100, \$4.00

**Mrs. Cleveland**—Lovely delicate pink of finest form. Each, 5c; doz., 50c; 100, \$4.00

**William Copeland**—A fine large flower, bright rosy lilac. White base, blue zone.

Each, 5c; doz., 50c; 100, \$3.50

**Yellow Perfection**—Golden yellow, overlaid purplish bronze and brown.

Each, 7c; doz., 75c; 100, \$6.00

**MIXED.** Each, 4c; doz., 40c; 100, \$3.00

## Early Double Tulips

**T**HE double Tulips are used mostly for outdoor planting and bloom a little later than the early Single Tulips. Being double and full, the blooms last longer. This, with the great variety of colors, shades and markings, makes them favorites with many.

**Couronne d'Or, B 8**—Fine yellow, the best double yellow for forcing, strong stem and stands handling well.

Each, 5c; doz., 40c; 100, \$2.75

**Duke of York, B 10**—A lovely carmine having a white edge; very showy; fine for bedding. Each, 4c; doz., 35c; 100, \$2.25

**Gloria Solis, A 9**—Deep crimson, with a broad, golden yellow margin; a grand flower.

Each, 4c; doz., 40c; 100, \$3.00

**La Candeur, B 8**—Pure white, very full and double; extensively grown in open beds.

Each, 4c; doz., 35c; 100, \$2.25

**Murillo, B 8**—This is decidedly the best double pink Tulip for forcing or bedding; flowers large and full; very fine.

Each, 3c; doz., 30c; 100, \$2.00

**Early Double Mixed**—This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting.

Each, 3c; doz., 30c; 100, \$2.25

**Rubra Maxima, B 9**—Bright crimson, scarlet, superb variety for bedding; cannot be forced; flowers large.

Each, 4c; doz., 40c; 100, \$2.50

**Salvator Rosa, A 7**—Beautiful deep rose, flamed with white; fine for forcing.

Each, 4c; doz., 40c; 100, \$2.50

**Tournesoll, A 9**—Bright red, with yellow edge, sweet scented, large flower. One of the easiest doubles to force.

Each, 5c; doz., 50c; 100, \$3.50

Each, 3c; doz., 25c; 100, \$1.50

## Late Double Tulips

These are handsome and showy, and are often planted in small groups about the yard, as well as in large beds. Following varieties grow quite tall.

**Blue Flag**—Bluish violet, one of the best dark shades. Each, 5c; doz., 50c; 100, \$3.50

**Marriage de ma fille**—White, feathered with cherry crimson, flowers large, full and double; very showy.

Each, 5c; doz., 50c; 100, \$3.50

**Yellow Rose**—A handsome golden yellow; a good bloomer. Each, 4c; doz., 35c; 100, \$2.00

PORTLAND SEED COMPANY'S

**"Diamond  
Quality" NARCISSI**

We consider Narcissi to be the most satisfactory and valuable of all flowering bulbs; coming in endless variety, adapting themselves to every planting condition or requirement, their stately and delicate beauty, exquisite perfume, earliness, free blooming and keeping qualities, endear them to all who have grown them.

Once planted in the field or garden they need no further attention but will thrive and perpetuate themselves, increasing in beauty for years.

**Popular Types****Book of****Daffodils****and****Narcissi****235****pages****\$1.10****postpaid**

The Polyanthus, flowering in clusters; the "Paper White" being the earliest, easiest to force and best known of this class.

The Trumpet types or "Daffodils" are the most widely known, and some of the best garden varieties are of this class; they also force easily, making ideal pot plants.

The "Chalice Cupped" or Star Narcissus are the daintiest and most charming of all types. To this class belong the Incomparabilis, Barrii, Leedsi, etc., all splendid garden varieties that will also give perfect results when grown in pots or forced.

The white flowered Poeticus type or "Pheasants Eye" Narcissus, give us some of the best of the later garden types, being hardy, sweet scented, very chaste and beautiful. Some varieties force easily, others are best suited to the garden or field.



The new Poetaz Narcissi are hybrids of Poeticus and Polyanthus types, forming a distinct and beautiful, free blooming, large flowered class that is attracting much attention and will be grown extensively as they become better known. They retain the polyanthus or cluster form of blooming, but the individual flowers are almost as large as the Poeticus types, equally valuable for bedding or forcing; extremely hardy.

**Outdoor Culture**—Plant in early fall if possible but plantings as late as Christmas will give excellent results. The depth to plant is  $1\frac{1}{2}$  the depth of the bulb. This gives a covering of 2 to 3 inches of soil. Any good garden soil which has not been recently manured will give satisfactory flowers, but a deep moist loam is best. If the ground is dry or sandy it should be dug deeply, well manured and an annual, such as potatoes, grown the year previous. If your soil is light and you do not want to take off a crop before planting, give a light dressing of lime to the surface and work in a layer of well rotted manure a foot below, so as to be out of reach of the bulbs, this layer is to hold the moisture, not as a fertilizer. The best fertilizer is ground bone. This can be used with safety on poor sandy soil. A little sulphate of potash, 3-4 oz. to the square yard, will improve the color of the flower and retain the moisture.

**Pot Culture**—The Bulbs should be planted as soon as received as earliest plantings insure finest flowers. In potting use good, turf loam, but let no manure of any kind, well rotted or otherwise, touch the bulb. Set in a cool, dark room for a month or two, until well rooted, then remove to the light for flowering. (All bulbs prefer a cool temperature. Be careful not to grow them too warm). Do not cultivate too much, as extra vigor of growth injures the purity of color. Some Narcissi prefer partial shade but grow splendidly in any situation.

In Planting Narcissi large groupings of irregular outline give most pleasing effects, shun symmetrical lines or formal designs.

**New Cluster-Flower—Poetaz Narcissi**

These are hardy hybrids between Polyanthus and Poeticus, very vigorous, growth tall and stately, with clusters of delightfully fragrant flowers. They thrive and bloom in great profusion; good keepers, forcing or bedding.

**ELVIRA**—Long graceful stem, flower heads have three to four large blooms, broad, white petals, deep golden cup, with scarlet edge, delicious fragrance.

**Klondyke**—Perianth yellow, cup deep golden yellow; one of the finest and deepest of the yellows. **Each, 8c; doz., 75c; 100, \$5.50**

**IRENE**—Deep cup, beautifully fluted, perianth sulphur yellow, superb.

**Ideal—White**—Perianth dark orange cup, large truss, free bloomer.

**Each, 8c; doz., 75c; 100, \$5.50**

**Each, 8c; doz., 75c; 100, \$5.50**

**NEWEST CACTUS and PAEONY Flowered DAHHIAS—See Pages 24 to 26**

## Narcissi-Polyanthus

The Polyanthus varieties of Narcissi are not only beautiful, but deliciously sweet-scented, and of the easiest culture, very free flowering and suitable for forcing indoors or bedding out, continuing long in bloom. They bear tall spikes of bloom, bearing from six to twenty-four flowers each.

### PAPER WHITE GRANDIFLORA

Flowers pure white, especially desirable for their beauty and delicious odor. It forces admirably and flowers freely in dense clusters; will come into bloom as early as December, if potted early. Forced by florists for cut flowers. Anyone can grow them in the house successfully. Plant one bulb to a three-inch pot, four to a six-inch pot. Can be grown in water. See page 2.

Each, 5c; doz., 40c; 100, \$2.00

**Grand Monarque**—Large, pure white, with lemon cup. One of the finest in this class.

Each, 6c; doz., 60c; 100, \$1.00

**Grand Soleil d'Or**—Rich yellow, with orange cup; fine for bedding and cutting.

Each, 6c; doz., 60c; 100, \$1.00

**The Pearl**—Pure white flowers of mammoth size and very fine; looks very much like the Grandiflora, but is much larger.

Each, 6c; doz., 60c; 100, \$1.00

**Extra Fine Mixed**—A mixture of ten named varieties.

Each, 5c; doz., 50c; 100, \$3.50



Try growing  
in water.

They are  
sure bloom-  
ers.

## Sacred Chinese Lily

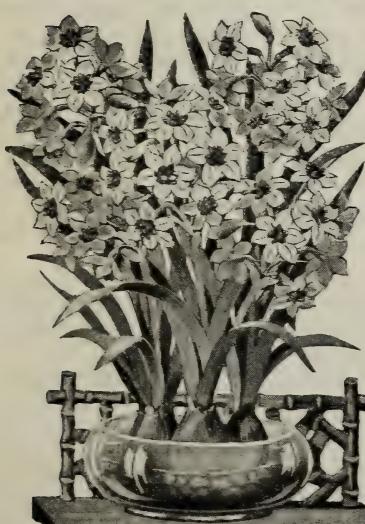
(*Narcissus Orientalis*.)

The "Shui Sin Far," or Water Fairy Flower, Joss Flower, or Flower of the Gods, etc., so called by the Celestials, is a variety of *Narcissus*, bearing in lavish profusion chaste flowers of silvery white, with golden cups, which are of exquisite beauty and entrancing perfume. They are grown by the Chinese, according to their ancient custom, to herald the advent of their new year and as a symbol of "good luck."

By method of culture original to them, they succeed in growing large, solid bulbs, which produce a profusion of bloom in an incredibly short time, usually not more than four to six weeks from the time of planting.

These Sacred Lilies do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough pebbles to prevent them from tipping over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter.

This splendid flowering bulb increases in popularity each year, and we import annually, direct from China, immense quantities of the best bulbs.



Chinese Sacred Lily

The Chinese Lily bulbs offered by us are large, solid and well matured. They can be relied upon to be the true Chinese, which are superior to those grown in this country. Bulbs ready from September to April.

Each, 15c; 2 for 25c; doz., \$1.40.

## LAWN FERTILIZER

Fifty pounds of our Odorless Lawn Fertilizer, No. 5, scattered over a city lot will give the lawn a beautiful green, velvety appearance. Our Fertilizer Booklet tells all about our Diamond Fertilizers—for every purpose—gives valuable reference tables and practical information. It's Free, send for a copy.

# DAFFODILS

The trumpet types of Narcissi are the true old fashioned form of Daffodils, but we now have many new and wonderful sorts, they are the largest and most glorious of all Narcissi and are perfectly hardy everywhere. Can also be grown in pots. See page 10 for culture. We especially advise you to try Mad. de Graaf and Glory of Leiden.

To enable you to plant for succession of bloom, we have numbered the varieties in their relative earliness. No. 1, early March; No. 2, late March; No. 3, early April; No. 4, late April; No. 5, May.

## TWO GRAND NEW GIANT DAFFODILS THAT YOU SHOULD GROW.

**Mad. de Graaff**—(4)—A lovely white daffodil. Opens with soft primrose trumpet passing to white, of perfect form, giant size, vigorous and free blooming; forces well and for garden or naturalizing in grass has no superior; height 16 inches. First-class certificate, R. H. S. See front cover. **Each, 25c; doz., \$2.50**

**Glory of Leiden** (4)—A fitting companion for the above; a bold, giant daffodil, with golden yellow trumpet, perianth lighter, very erect, of fine form and good substance; free blooming, forces well, is a good keeper and very hardy in open ground; height 14 inches. First-class certificate, R. H. S.

**Each, 20c; doz., \$2.00**

**Mrs. Thompson** (2)—Large pure white, with elegantly frilled trumpet, a handsome free blooming daffodil. **Each, 7c; doz., 75c; 100, \$5.00**

**Albicans**—(2)—The "White Spanish Daffodil")—Cream white, with silvery white trumpet slightly flushed with primrose and elegantly recurved at brim.

**Each, 5c; doz., 50c; 100, \$3.50**

**Bicolor Empress**—(3)—Perianth snow-white, trumpet rich yellow, serrated and flanged at the edges, large in outline and of rare beauty.

**Each, 5c; doz., 50c; 100, \$3.50**

**Bicolor Victoria**—(2)—A magnificent large variety, bold and erect. A rare beauty; sweet-scented and the best of the bicolor varieties. Perianth white and of great substance; trumpet rich yellow.

**Each, 5c; doz., 50c; 100, \$3.50**

**Mrs. Walter Ware**—(3)—A bicolor of great size and beauty, broad white perianth, long yellow trumpet, frilled, a vigorous free bloomer, award of merit R. H. S.

**Each, 7c; doz., 75c; 100, 5.00**

**Mme. Plemp**—(4)—This splendid new bicolor has pure white perianth and golden yellow trumpet, extra large shapely flower; a little later than Mrs. Ware.

**Each, 7c; doz., 75c; 100, \$6.00**

## Jonquils—Native of Spain—A Species of Narcissus

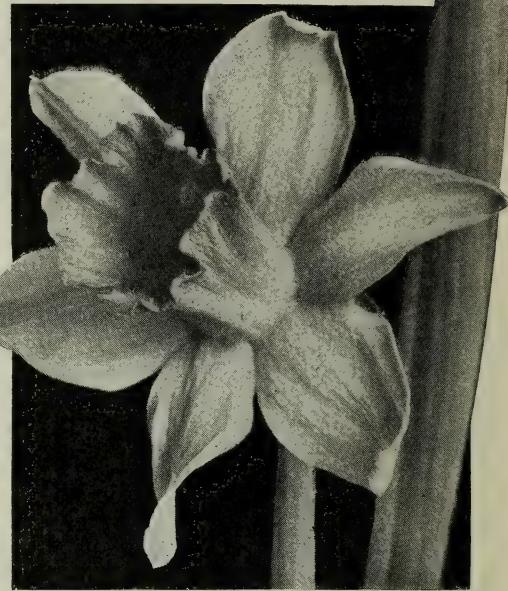
Very popular on account of their easy cultivation and very fragrant, golden yellow blooms, which remain a long time in perfection. Easily grown in the house or open garden. Half a dozen bulbs can be put in a five-inch pot, and with the same treatment as recommended for Hyacinths a fine display can be produced from January to April.

For garden display nothing is finer, they are lasting, flower freely, are deliciously perfumed, and of a beautiful golden yellow; best of all they are inexpensive and should be planted freely.

**Jonquil Campernelle**—Single—Large, yellow flowers, 4 to 6 borne on each stem, fine forcing, splendid garden sort, height 18 inches.

**Each, 4c; doz., 35c; 100, \$1.75**

**Double Jonquil**—Very double, deep golden



**Emperor**—(3)—A magnificent flower; perianth primrose; trumpet large, rich deep yellow. One of the finest Daffodils in cultivation.

**Each, 5c; doz., 50c; 100, \$3.50**

**Golden Spur**—(1)—One of the grandest Daffodils, with extra large, bold, rich, golden yellow flowers, foliage very broad and striking; of robust habit and unsurpassed for gardens, pots and forcing.

**Each, 5c; doz., 50c; 100, \$3.50**

**Princeps**—(1)—A magnificent flower and one of the finest of the large trumpet type. As a forcing variety it is superior in every way; perianth pale sulphur; trumpet rich yellow. **Each, 4c; doz., 35c; 100, \$2.00**

**Trumpet Major**—(3)—Flower large and almost of a uniform deep golden; highly prized as an early forcing sort and largely planted for outside bedding. Fine for cutting.

**Each, 4c; doz., 35c; 100, \$2.00**

**Ovballaris**—(1)—(Tenby Daffodil) — A beautiful and distinctive type. Perianth and trumpet rich, full yellow, large, of good substance and perfect form. Very early, ideal for naturalizing, flower well.

**Each, 6c; doz., 60c; 100, \$3.50**

**Jonquil Rugulosus**—Improved giant Jonquil, broadly imbricated perianth wrinkled cup, beautiful rich yellow.

**Each, 3c; doz., 30c; 100, \$2.00**

yellow, deliciously fragrant.

**Each, 4c; doz., 40c; 100, \$2.50**

## DOUBLE DAFFODILS

**Van Sion—(Telamonius Plenus) (2)**—"The True Double Yellow Daffodil." Rich golden yellow perianth and trumpet. This is the old favorite so highly prized and deserves to be planted in quantity where it can remain undisturbed for several years. It will then thrive and bloom in increasing profusion every spring and is also one of the best winter flowering and forcing sorts, immense quantities being used for this purpose.

Each, 5c; doz., 40c; 100, \$2.50

**Van Sion**—Double nose, extra large bulbs.

Each, 6c; doz., 65c; 100, \$3.75

**Silver (Sulphur) Phoenix (3)**—Very large flowers; pale creamy white, shading to primrose. One of the finest varieties for pot culture, and makes a splendid cut flower.

Each, 5c; doz., 50c; 100, \$3.00

**Alba Plena Odorata—(6)**—"The Double White Poet's Narcissus." Double, snow-white flowers, exquisitely scented; late flowering; cannot be forced.

Each, 3c; doz., 30c; 100, \$1.75

**Orange Phoenix (3)—(Eggs and Bacon)**—Beautiful double white flowers, with orange center; splendid for pot culture, cutting and garden planting. Each, 5c; doz., 40c; 100, \$2.00

### "Chalice Cupped" or Star Narcissi

**Incomparabilis, Barrii, and Leedsii**, are types of this class of hardy, vigorous, free flowering Narcissi. They also force well, are inexpensive and most beautiful. Be sure to plant them.

**Sir Watkin (2)**—"The Giant Chalice Flower," or "Big Welshman." A gigantic variety, having immense, long-stemmed flowers, sometimes measuring five inches across, and is the largest variety grown. Color a rich light yellow, with a large, dark cup, tinted with orange.

**Incomparabilis Simplex**—Yellow, fine for forcing and cutting; flowers well formed and fragrant.

### Barrii Types

**Barrii Conspicuus (4)**—The finest of this class; long-stemmed flowers, with beautiful broad-petaled perianth; sparkling canary yellow, with deep golden cup, richly edged with orange scarlet. First-class certificate, R.H.S.

Each, 4c; doz., 35c; 100, \$1.50

**Flora Wilson—(4)**—Pure white perianth, yellow cup, edged orange scarlet, a striking beauty.

Each, 7c; doz., 75c; 100, \$6.50

### Leedsii Types

**Mrs. Langtry (4)**—A remarkable, free flowering variety, with broad white perianth and large white cup edged yellow. First-class certificate, R. H. S.

Each, 4c; doz., 35c; 100, \$2.00

**Beauty (4)**—Sulphur yellow, large yellow cup, margined orange scarlet; a bold, handsome flower.

Each, 7c; doz., 75c; 100, \$5.50

**Minnie Hume (3)**—Large white perianth, spreading cup, passing from lemon yellow to white. One of the best and most beautiful. Also awarded a first-class certificate, R. H. S.

Each, 4c; doz., 35c; 100, \$2.00

**Duchess of Brabant (3)**—Perianth white, yellow cup, vigorous and free blooming.

Each, 4c; doz., 35c; 100, \$2.00

**M. M. de Graaff (4)**—Long white perianth, orange rose cup, comes two flowers on a stem, fine.

Each, 5c; doz., 50c; 100, \$3.50

**Katherine Spurrell (4)**—Large shapely flower, sulphur white, perianth, canary cup.

Each, 7c; doz., 75c; 100, \$5.00

**Queen Bess (1)**—Pure white perianth, bright yellow cup, large and very early.

Each, 5c; doz., 50c; 100, \$3.50

**Frank Miles (3)**—Large, soft, clear yellow; petals gracefully curved and twisted.

Each, 5c; doz., 50c; 100, \$3.75



*Sir Watkin —Naturalized*

**NARCISSI—Continued****Poeticus Varieties**

**Poeticus Varieties**—These are among the most beautiful of all spring flowering bulbous plants. The large, single blossoms, 2½ inches across, are of a snowy whiteness, intensified by the exquisite golden-colored cups, ringed like a pheasant's eye, with red and green. The flowers are gracefully poised on long, stout stems, adapting them for vases. They are especially valuable for garden planting. If allowed to remain undisturbed, they thrive, spread and improve every year.

**Glory (4)**—The new Poeticus, largest of the type. Snowy white, perfectly formed petals; a flower of great beauty, with every good quality.

F. C. C., R. H. S.    Each, 20c; doz., \$2.00

**Poeticus (Pheasant's Eye) (5)**—(See cut)—Pure white flowers, orange cup, edged with red. Very useful for cutting in spring, as they can be planted in borders out of doors, where they are perfectly hardy, and will bloom year after year. Does not force.

Each, 3c; doz., 30c; 100, \$1.50

**Poeticus Ornatus (4)**—(The Improved Poeticus)—Pure white cup, edged with scarlet, much finer in form and earlier than Poeticus. A magnificent cut flower. **Largely used for forcing.**

Each, 3c; doz., 30c; 100, \$1.50



New "Poeticus Glory"

**Miscellaneous Spring Flowering Bulbs****Snowdrops****GALANTHUS**

The first flower to bloom in the spring, producing small but beautiful white blossoms before other outdoor plants are started. Plant about one inch apart in borders, beds or in clumps in the lawn, setting two or three inches deep. They come up from year to year and need not be disturbed until they become crowded. (See cut.)

**Snowdrop Elwesi**—(Giant Snowdrop), single.

Two for 5c; doz., 25c; 100, \$1.25

**Snowdrop**—Double. Each, 3c; doz., 30c; 100, \$2.00

**Ixias**

The Ixia is a beautiful little flowering bulb, with low, slender, graceful spikes of bloom. The colors are rich, varied and beautiful. Culture same as Hyacinths.

**Named Varieties, Mixed.** Each, 4c; doz., 40c; 100, \$2.00

**Fine Mixed.** Each, 3c; doz., 25c; 100, \$1.25

**Muscari Plumosus**

**Feathered Hyacinths**—An odd and interesting variety bearing spikes of beautiful purple flowers; hardy everywhere.

Each, 3c; doz., 25c; 100, \$1.00



**SNOWDROPS**

**Muscari Botryoides**

**Grape Hyacinths**—Very pretty early spring blooming bulbous plants, succeeding well in almost any soil or situation. White, blue, light blue.

Each, 3c; doz., 25c; 100, \$1.00

"Heavenly Blue"—New Grape Hyacinth of distinctive type and rare coloring, delightfully fragrant, extra large, fine as a cut flower or for massing in border.

Postpaid, per doz., 20c; per 100, \$1.00

**For FINEST RED CLAY FLOWER POTS—See Page 43**

## Crocus

These charming little flowers bloom at a time when the ground is destitute of foliage or other flowers. This makes them most welcome, and they should occupy a prominent place in every garden. When planted in borders or beds in one or more colors, the effect is striking. No spring display surpasses that of the Crocus. The broad, wavy bands of golden yellow, striped, purple, or of pure white, when they expand their blossoms in February and March, are incomparable.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They will care for themselves, blooming very early amid the grass, and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

Plant from October to March, about three inches deep and about two inches apart in beds or borders. Indoor, the Crocus can be easily forced. Plant from six to a dozen bulbs in a shallow pot, keep cool and water well, treating same as Hyacinths.

### Named Crocus

For forcing or special work the Named Crocus is best.

The three following varieties are new and improved sorts, the finest of their colors. Be sure to include them in your list.

**King of the Whites**—Mammoth snow white, truly the king of all white Crocus  
**Lothair**—White with blue stripes, very beautiful and distinctive.

**Purpurea Grandiflora**—Bright purple, large, fine flower; best of its color.

Price of any of the above. Dozen, 15c; 100, \$1.00; 1000 \$8.50.

**Baron Brunow**—Bright purple, free bloomer, flowers large, extra fine.

**Cloth of Gold**—Golden yellow, slightly veined red, flowers large.

**Cloth of Silver**—Silvery white, striped lilac.

Price of above, except where noted, dozen, 15c; 100, \$1.00.

### Mixed Crocus

These separate colors in mixed shades are extensively planted for outdoor beds or borders. Our bulbs are all solid and sound and first size. We have four colors.

## FERNS

That are easily grown  
The newest  
most beautiful  
varieties.

See 32

Planted in pots Crocus make splendid house plants. :: :: ::



New  
Giant  
Crocus  
Purpurea  
Grandiflora

**Mont Blanc**—Large, pure white; one of the finest.

**Mammoth Yellow**—Yellow, selected bulbs of large size; finest blooms.

Prize, doz., 20c; 100, \$1.25; 1,000, \$10.00

**Sir Walter Scott**—White, striped with purple, the best striped, very large.

Price of above, except where noted, dozen, 15c; 100, \$1.00.

## Anemones

These bulbs produce a most beautiful and showy flower. The plant is neat and compact in growth. Foliage is very fine and elegantly cut. Culture same as for Hyacinths. For forcing indoors, plant three or four bulbs in a four-inch pot. Avoid too much heat.

Double blue, scarlet or mixed.

Each, 4c; doz., 35c

Single scarlet, blue, white or mixed.

Each, 3c; doz., 25c

### Giant St. Brigid's

**New-Giant St. Brigid's**—A new race of Anemones far superior to any hitherto known. Flowers come double, semi-double and single, from 3 to 5 inches across and in many varied and brilliant colors, long stems, free blooming. Planted inside in the fall will flower during the winter or can be planted in open ground after danger of frost has passed. Try them.

Price, Each, 5c; doz., 50c; 100, \$3.00



Freesia

**FREESIAS**

These popular winter blooming bulbs force readily, coming into bloom early, and by successive plantings will last throughout the season. Their handsome clusters of white flowers have a most delicious fragrance. Plant four to six in 4-inch pot.

**New Giant Freesia—Purity**

A grand new Freesia of giant size and good substance, pure white, a vigorous grower and good keeper. First size bulbs.

Doz., 50c; 100, \$3.50

*Refracta Alba*—The flowers are pure white with a yellow blotched throat and are exquisitely fragrant.

First size bulbs.

Doz., 30c; 100, \$1.50

Extra large bulbs.

Doz., 35c; 100, \$2.50

OUR RED CLAY FLOWER POTS ARE THE  
BEST MADE. WRITE FOR PRICES ON  
LARGE LOTS.

**Cyclamen (Giant Persian)**

These are among our most beautiful and interesting winter and spring flowering bulbs for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. There are no plants better adapted for pot culture, and few that produce such a profusion of bloom; the flowers range through many shades of pink, crimson, white, etc., some being beautifully spotted, and many of them delicately fragrant. Plant one bulb in a four or five-inch pot.

White, Carmine or Pink. Each, 25c; three, 60c; doz., \$2.25

Mixed Colors. Each, 20c; doz., \$2.00



For Cyclamen Plants ready to bloom, in pots, see catalog.

Cyclamen

**Leucojum (Snow Flake.)**

Pretty bulbous plants allied to the Snowdrop, but of much stronger and bolder habit, growing from one to two feet high, in rich soil, and producing freely, beautiful large white flowers distinctly tipped with green, excellent for cutting. When once planted they take care of themselves, and should have a place in all hardy collections; can also be grown in pots.

*Leucojum Vernum* (Spring Snowflake).

Each, 4c; doz., 35c; 100, \$2.00

*Leucojum Aestivum* (the Summer Snowflake).

Each, 4c; doz., 35c; 100, \$2.50

**Allium**

*Neapolitanum*—An excellent variety for winter flowering, extensively forced by florists for cut flowers. Its flower stems are 20 inches high, supporting a large cluster of delicate white starry flowers; sure to bloom splendidly in any window.

*Neapolitanum* Each, 3c; doz., 25c; 100, \$1.00

Mixed colors Each, 3c; doz., 20c; 100, 85c

**Chionodoxa**

They produce flower spikes bearing lovely Scilla-like flowers. They are perfectly hardy, and may be planted as an edging to a bed, or in masses; they flower with the Snowdrops and last a long time in perfection.

*Lucilliae*—Bright blue with large, clear white center.

Each, 3c; doz., 30c; 100, \$2.00

**Fritillaria Imperialis (Crown Imperials.)**

A stately, showy, early blooming plant, bearing large bell-shaped flowers of various shades of red and yellow, should be planted in deep, well enriched soil and not disturbed for years. The Crown Imperial is a very attractive garden flower. Fine Mixed, Each, 15, doz., \$1.50

## Ranunculus

Among dwarf flowers these are unrivaled for lovely form and bright and attractive colors, ranging through gorgeous shades of white, crimson, yellow, purple and black, many of them being beautifully marked with other shades. They flower profusely in pots in the house during the winter.

**Turban, Mixed**—Paeony-formed flowers, large and early, vivid colors and compactly double. Each, 3c; doz., 25c; 100, \$1.50

**Giant French, Mixed**—Immense and gorgeous, loosely formed double flowers. Each, 3c; doz., 25c; 100, \$1.00

**Persian, Mixed**—Rose-shaped flowers, very double and rich. Each, 3c; doz., 25c; 100, \$1.00

## Scillas

**Siberica**—This is one of the prettiest of early spring blooming bulbs, of dwarf habit, with sprays of exquisite rich blue flowers. Grown in masses in conjunction with Crocus, Chionodoxas and Snowdrops, the effect is charming; fine for forcing. Each, 3c; doz., 25c; 100, \$1.75

**Campanulata**—A beautiful spring flowering bulb, producing, before the leaves appear, spikes of bell-shaped flowers in blue, white and pink.

White, blue or pink.

Each, 4c; doz., 35c; 100, \$2.00



SCILLA CAMPANULATA



SCILLA SIBERICA

## Oxalis

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging baskets; the foliage alone is very attractive, and when in flower they are exceedingly pretty.

Fine mixed 2 for 5c; doz., 20c; 100, 75c

**Bermuda Buttercup**—Bears in profusion, bright, golden yellow flowers all winter. One of the finest winter blooming plants ever introduced for pots, baskets and vases; produces a mass of pretty foliage covered with hundreds of buds and flowers at one time. For forcing, plant the bulbs in light, rich soil and set in a cool place for several days, then remove to a warm, sunny window.

Single Each, 4c; doz., 35c; 100, \$2.00

**Grand Duchess**—A California variety of great beauty; of dwarf, sturdy growth; free flowering and very desirable. Pink, lavender, white or yellow.

Each, 4c; doz., 35c; 100, \$2.00

## Erythronium (Dogstooth Violet)

Dens Canis Grandiflora, Mixed.

Fine hardy plants with charmingly variegated foliage, bearing lily-like blossoms of different colors; prefer moist situation with partial shade; grow well in pots for winter blooming. Each, 5c; doz., 40c; 100, \$2.50

## Eranthus Hyemalis

**Winter Aconite**—The first flower of the year, often coming before the snow is gone, covering the ground with gilt spangles of flowers as early as February; succeeds in any soil or situation; remains in flower for weeks.

Each, 5c; doz., 25c; 100, \$1.50

## Ornithogalum

**Arabicum**—A beautiful plant for forcing in the house. The leaves are long and narrow, flower spikes about 18 inches high, bearing large clusters of beautiful, pearly-white flowers which have a jet-black center. Plant one bulb in a four-inch pot, same as Hyacinths. Extra choice bulbs.

Each 10c; doz., \$1.00

**Umbellatum**—Like the above, only pure white. Known as "Star of Bethlehem."

Each, 5c; doz., 40c

## Sparaxis

A beautiful class of bulbs allied to the Ixiias, and requiring the same treatment, producing spikes of flowers of the most exquisite and brilliant flowers.

Very fine mixed Each, 3c; doz., 25c; 100, \$1.25

## GERANIUMS

We offer the most complete assortment  
of most useful varieties

For house plants and bedding.

SEE PAGE 31

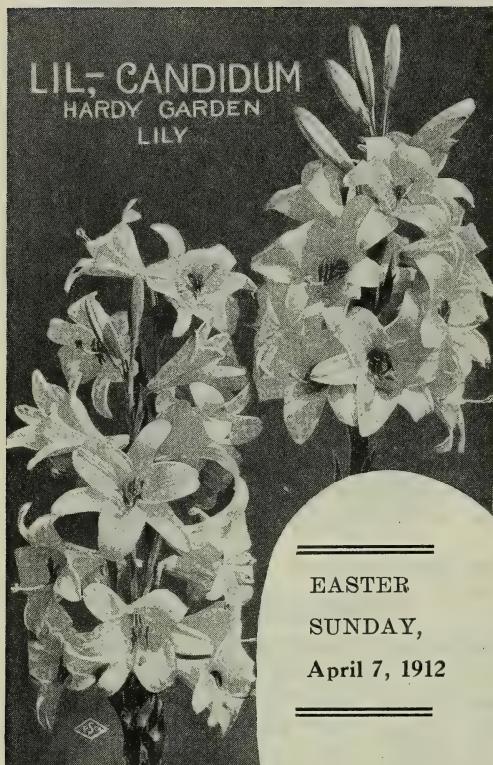
## Triteleia Uniflora

**Spring Star Flower**—A pretty little bulbous plant for either pot culture or the open border, bearing fragrant star-shaped flowers of a delicate blue-white color.

Each, 3c; doz., 20c; 100, \$1.50

**FERNS—Beautiful new Ferns that are sure to grow. See page 32.**

# LILIES



EASTER  
SUNDAY,  
April 7, 1912

**Lilium Harrisii**—Our leading florists, after careful comparative tests, have discarded the Bermuda Harrisii in favor of the new **Lilium Formosum**, which is earlier, produces more and better flowers and is entirely free from disease. We always recommend them and have dropped the Bermuda Harrisii from our list.

## Lilium Longiflorum

### MULTIFLORUM

Very much like the **Lilium Harrisii**, but preferred by many to that variety, as they are stronger and less liable to disease. They do not come into bloom quite so early, but the flowers are of better substance and more extensively used by florists for forcing for Easter and for cut flowers. When grown in the open ground they bloom in June and July. Can be planted in the spring or fall.

Mammoth bulbs .....	Each, 20c; doz., \$2.00; 100, \$15.00
Large bulbs .....	Each, 15c; doz., \$1.50; 100, \$10.00

## Lilium Longiflorum

### GIGANTEUM

Of grand size and substance; superior to the Multiflorum but forces a little later; especially fine for open ground.

Mammoth bulbs .....	Each, 20c; doz., \$2.25; 100, \$15.00
Large bulbs .....	Each, 15c; doz., \$1.75; 100, \$12.00

## Lilium Candidum

This is the ever popular, fragrant, snow-white, hardy garden Lily. It grows four to five feet high, and blooms in the open ground in June. When grown in bold masses or in rows these Lilies are especially effective. The brilliancy of their snow-white flowers against surrounding greenery of shrubs, grass and trees is very telling. See cut. Our stock is imported from the Azores, the finest obtainable; should be planted early.

First size. Each, 20c; doz., \$2.00; 100, \$12.50.	Second size. Each, 15c; doz., \$1.50; 100, \$10.00
--	--

**FLORISTS AND COMMERCIAL GROWERS:** We carry the largest line of Florists' Supplies in the Northwest. Prompt deliveries at right prices. A trial order will convince. Send for trade list.

Your order for Bulbs is not complete without Lilies, the most fragrant, beautiful and stately of outdoor flowers, requiring less care and attention than any other plant. After Bulbs are set out they should remain undisturbed for five or six years. They will increase in size, beauty and number of flowers with practically no attention, our coast climate being perfectly suited to their requirements, and once established they rival the famous product of Japan, but as we do not grow them commercially, we have to depend on Japan and Bermuda for our best bulbs.

All varieties we offer are perfectly hardy, and should be planted outdoors during the fall or early spring. They flower each year from June to October. We have selected the finest types that bloom freely and in the various kinds listed below you will find Lilies suitable for every purpose.

## New **Lilium Formosum**

A wonderful new Easter Lily from the Island of Formosa, extremely vigorous, free flowering, bearing more and better blooms than any other Longiflorum variety. Is also very early and absolutely free from disease.

### Mammoth Bulbs.

Each, 20c; doz., \$2.00; 100, \$16.00

**Large Bulbs.** Each, 15c; doz., \$1.50; 100, \$12.00



## LILIES Continued

### **Lilium Auratum**

The handsomest and one of the best known of the Japan Lilies. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a gold band fading at its edges into white; very fragrant. The choice bulbs we offer, with only fairly good culture, give from five to ten magnificent flowers, and under good cultivation will, after becoming well established, give from ten to fifty. They bloom from June to October.

Mammoth bulbs, very choice

Each, 20c; doz., \$2.00; 100, \$12.00

Large bulbs

Each, 15c; doz., \$1.50; 100, \$10.00

**"DIAMOND QUALITY"**

**DAHLIAS** All Classes. We grow only the best  
SEE PAGES 24-25-26

### **Auratum Rubro Vittatum**

Giant flowers—pure white, beautifully spotted and with deep crimson stripe through center of petal. Truly magnificent.

Each, 75c; doz., \$7.50, postpaid

### **Auratum Pictum**

Same as Auratum, except gold band shades into bright crimson at margin. A rare and beautiful lily.

Each, 35c; doz., \$3.00, postpaid

### **Auratum Platypodium**

This is without a question one of the most wonderful Lilies in cultivation. The leaves are very long and broad, and the stems attain a height varying from seven to ten feet. The flowers are similar in color to Auratum, heavily spotted, but are much larger, the petals more overlapping, and of greater substance. See illustration.

Mammoth bulbs..... Each, 25c; doz., \$2.50; 100, \$17.50

Large bulbs..... Each, 20c; doz., \$2.00; 100, \$15.00

### **Lilium Speciosum**

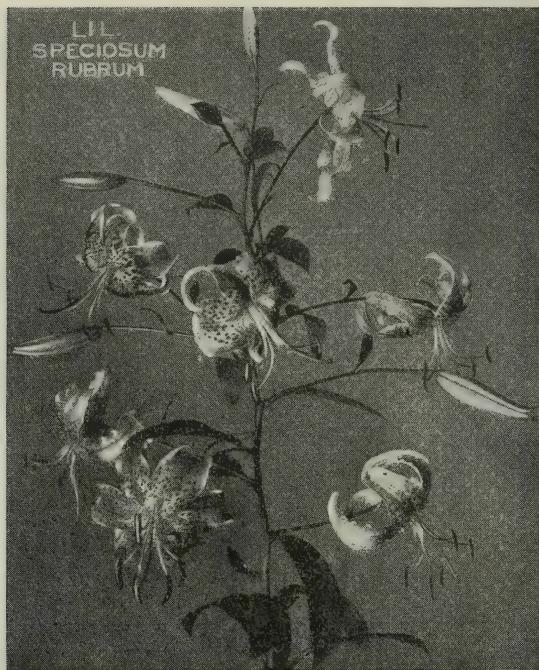
No words can overstate the brilliant beauty of this charming class. Its six broad, pure white, or pink petals thickly dotted with rose or carmine spots, and the graceful form, brilliant color and exquisite fragrance make this one of the most effective and desirable of the lily family. They are profuse bloomers and last for days after being cut and put in water.

### **New Lilium Magnificum**

As its name implies, this new Lily from the southern island of Japan, is the most magnificent of the wonderful Speciosum Lilies. It is of the Rubrum variety, closely allied to Speciosum Melpomene, but of much richer color and grander size. Should be in every collection. Price,  
Large bulbs..... Each, 25c; doz., \$2.50; 100, \$18.00



## LILIUM SPECIOSUM—Continued



### Speciosum Album

Pure white, flowers freely.
Mammoth bulbs,
Each, 25c; doz., \$2.50; 100, \$20.00
Large bulbs,
Each, 20c; doz., \$2.00; 100, \$15.00

### Speciosum Rubrum

White, with dark rose spots.
Mammoth bulbs,
Each, 20c; doz., \$2.00; 100, \$15.00
Large bulbs,
Each, 15c; doz., \$1.50; 100, \$10.00

### Speciosum Rubrum

#### Melpomene

White, shaded rich blood crimson, heavily spotted; very rich and showy.
Mammoth bulbs,
Each, 25c; doz., \$2.50; 100, \$20.00
Large bulbs,
Each, 20c; doz., \$2.00; 100, \$15.00

### Tiger Lilies

Tigrinum Flore Pleno (Double Tiger Lily)—This is a magnificent Lily, of stately habit, bearing immense clusters of very large double flowers on tall, strong stems, color bright orange real spotted with black
Each, 20c; doz., \$2.00; 100, \$12.00
Large bulbs
Each, 15c; doz., \$1.50; 100, \$10.00

Tigrinum Splendens (Improved Single Tiger Lily)—Has very large flowers of excellent form; color orange salmon, with dark spots, hardy and free bloomer.
Mammoth bulbs
Each, 20c; doz., \$2.00; 100, \$12.00
Large bulbs
Each, 15c; doz., \$1.50; 100, \$10.00

### Washingtonianum (Mt. Hood Lily.)

A beautiful Lily, native of Oregon; flower large, of open form; white, tinted with lilac; grows three to five feet high; very fragrant. Hardy everywhere.
Choice bulbs

### Lilium Elegans (Extra Red.)

Brilliant velvety red, large and beautiful; one of the finest of the Elegans class.
Each, 20c; doz., \$2.00; 100, \$15.00

## Calla Lilies

### Lily of the Nile

**Calla Ethiopica**—Our well-known White Calla in its rare and stately beauty has few equals as a pot plant, and nothing is easier to grow. Plant one bulb to six-inch pot, give an abundance of water, light and heat, and the result will be most satisfactory.

We offer dry roots (from September on), as they are superior for forcing and winter flowering purposes. They come into bloom quickly.

First size bulbs	....	Each, 15c; doz., \$1.50
Extra size bulbs	....	Each, 20c

### Arum Sanctum

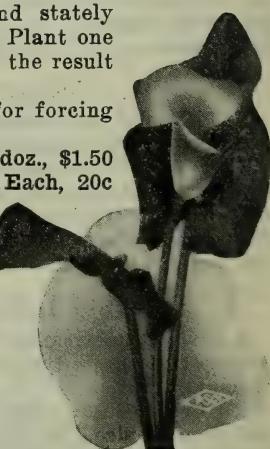
**The Black Calla**—A rare and interesting plant, grows well and flowers freely; always attracts much attention. Each, 40c; doz., \$4.00

### Calla Elliotiana

**Yellow Calla**—The finest of the yellow Callas, growing to perfection under ordinary pot culture. Treat same as White Calla. Flowers are a deep rich golden yellow—4 to 5 inches in diameter, and last a long time after opening. Foliage is a beautiful deep green, spotted silvery white; a grand novelty.

Each, 50c; dozen, \$5.00

CALLA ELLIOTIANA



"DIAMOND QUALITY."

## Lily of the Valley

### Fancy Berlin Pips

One of the most satisfactory and charming spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant, white flowers. "Valleys" thrive in any common soil, are perfectly hardy, and will succeed in shady situation. They can be left undisturbed in the open ground, where they will increase from year to year, and are most charming in beds or borders around the lawn. For outdoor planting and winter forcing, pips and clumps are ready November to March.

**Selected Pips**, for forcing indoors or planting outside.      Each, 5c; doz., 40c; 100, \$2.50

**Strong Clumps** for outdoor planting.

Each, 30c; doz., \$3.00

**NOTE**—Clumps can only be sent by express or freight at buyer's expense.



LILY OF THE VALLEY.

Florists wishing a really first class "Valley," write us for prices

## AMARYLLIS

All Amaryllis produce lily-like flowers varying in color from the richest crimson and scarlet to pure white. The bulbs we offer are of extra large size and will produce handsome flowers either in or out of doors.

### Amaryllis Halli

(*Licoris Squamigera*.)

A new hardy pink Amaryllis-like flower, of exquisite beauty, producing its attractive green foliage in the early spring, dying down suddenly in July, but in three or four weeks the flower stalks shoot up as if by magic, to a height of two or three feet, developing a cluster of large and beautiful lily-shaped flowers three to four inches in diameter; color is a most charming shade of delicate lilac pink with dainty blue shading. Fall planting is best, and bulbs should be buried about four inches. A pleasing novelty, well worthy a trial.

Each, 20c; doz., \$2.00

### Johnsonii

**Johnsonii** (Bermuda Spice Lily)—An old favorite. The immense trumpet-shaped flowers, which measure six to eight inches across, are borne on strong, fleshy stems and are a rich velvet crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color.

Choice bulbs, each, 35c; 3 for 90c



LICORICE SQUAMIGERA.

### Belladonna Major

**Belladonna Major** (Belladonna Lily)—Autumn blooming variety of extreme beauty and fragrance; the spikes grow from two to three feet high, each carrying from six to twelve beautiful flowers, "sweet as lilies," of silvery white, flushed and tipped with rose.

Choice bulbs, each, 25c; 3 for 60c

### Vittata Hybrids

**Vittata Hybrids**—New varieties of exceptional beauty; flowers large, elegantly colored and marked. Good for early forcing.

Each, 40c; 3 for \$1.00

# IRIS



Iris is beautiful,  
easily grown  
inexpensive.

ORDER NOW

## Japanese Iris (*Iris Kaempferi*).

Japan Iris is the largest and most wonderful of the Iris family, no flower of any kind surpassing its rare beauty of form, brilliancy and variety of coloring, ranging from snow-white through maroon, violet and deep blue; striped, variegated, veined and blended in the greatest profusion, producing effects that are truly marvelous and indescribable. Blooms early summer. Japan Iris succeeds best in a moist location, but will thrive in any good garden soil. Plant 3 inches deep, about 4 inches apart; divide the clumps every two years. Fertilize established beds while dormant, using stable manure, but do not apply after growth starts. There are hundreds of varieties, from which we have selected the following:

**Gekka-no-nami**—Dense pure white, yellow blotches.

**Ho-o-jo**—Ruby crimson, primrose blotches, surrounded with white halo.

**Hana-no-nishiki**—Brilliant claret red, penciled white, purple orange blotches.

**Sofu-no-koi**—White splashed, blotched and speckled sky-blue, primrose blotches.

**Shimoyo-no-tsuki**—White, yellow blotches at base of petals; 6 large petals.

**Uji-no-hotaru**—Purple overlaid with sky-blue, orange blotches, 3 petals.

**Yezo-nishiki**—Deep rich crimson, mottled and blotched white, 3 standards same color.

**Yomo-no-umi**—Lavender blue; distinct and beautiful; 6 petals.

**Kuma-funjin**—Purple overlaid with navy blue, 2 standards, very large orange blotches.

**Kumoma-no-sora**—White, with a strongly marked sky-blue zone and mottled in the same shade.

**Kumo-ishi**—Purple, margined gray, yellow blotches, surrounded with velvety crimson.

**Kumo-no-obi**—Dark lavender purple, large handsome flower, 3 petals.

### Named Varieties.

Each, 20c; doz., \$2.00; 100, \$15.00

### Mixed, good assortment.

Each, 15c; doz., \$1.50; 100, \$10.00

**MAGNIFICENT** plants for the garden. They bloom profusely and are exceedingly showy and fragrant. The colors are brilliant and cover a wide range of different shades and combinations. In the open ground they are perfectly hardy, increase rapidly and make a magnificent display either in clumps or borders. They do best in rich, moist soils. If soil is light, depress the beds a little below their surroundings; this helps to collect and hold the moisture. Plant in the fall or early spring.

## Spanish Iris

Spanish Iris is the most useful and satisfactory Iris to grow, requiring no unusual condition or treatment to insure success, growing to perfection in any good garden soil. They are vigorous and hardy, early and free blooming, keeping well when cut; can also be forced easily, being great favorites with florists.

Spanish Iris comes in the most delicate and beautiful shades and colors, from white, through dainty blues to lavender, dark blue, pure rich yellow, etc. Bulbs are inexpensive and we urge you to plant freely.

Blooms in early June two weeks before the English variety. The varieties listed are best of their colors.

**Blanche Fleur**—A grand white flower of great substance. The best white for forcing or outdoor culture.

**Cajanus**—A magnificent tall golden yellow, free blooming, good keeper; best yellow Iris in cultivation, either to force or grow outside.

**Count of Nassau**—The finest dark blue Iris. Has an agreeable honeysuckle perfume.

**King of the Blues**—Finest of the dark blues.

**Louise**—A beautiful shade of light blue, large, splendid flower.

**Emperor**—A splendid new light yellow of great merit.

**Darius**—A pleasing light blue—earliest of all.

### Finest named varieties.

Each 3c; doz., 30c; 100, \$2.00

### Mixed, select, all colors.

Each, 3c; doz., 20c; 100, \$1.50

## GERMAN IRIS.

German Iris is one of the best of the early spring flowers, is hardy everywhere, and if planted in a moist situation or watered freely, will produce magnificent orchid-like blooms of great size and delightful fragrance. Comes in charming color effects in blues, browns, yellows, purples, white.

**Pallida Dalmatica**—Extra large, lovely true lavender, delightful fragrance, free flowering, fine for massing or as a cut flower.

**Florentine Alba**—White.

**Celeste**—Satinly blue.

**Spectabilis**—Violet purple.

**Shakespeare**—Bronze violet.

**Mars**—Light yellow and cream.

### Choice roots for fall planting.

Each, 15c; doz., \$1.50; 100, \$10.00

## ENGLISH IRIS (*Iris Anglica*).

English Iris is almost as large as the Japanese variety and also comes in a marvelous range of colors and variegations, is extremely hardy, growing 18 inches to 28 inches high, coming into bloom just before the Japanese Iris. Like all Iris, a moist situation is preferred, but any good soil will grow them splendidly. Plant 3 to 4 inches apart. English Iris is one of the best for naturalizing.

**MONT BLANC**—Largest and finest. Pure white. Each, 6c; doz., 60c; 100, \$4.00

### Assorted colors, 10 best varieties.

Each, 4c; doz., 40c; 100, \$2.50

### Mixed

Each, 3c; doz., 30c; 100, \$2.00

# BEGONIAS—Tuberous Rooted

From their early first blooming until cut down by frost, Tuberous Begonias display a mass of bloom of most gorgeous and brilliant coloring. They are distinct and unique, their giant flowers fully six inches in diameter, in wonderful shades of yellow, bronze, white, reds, pinks, etc., with thick waxy petals and grand ornamental foliage, never failing to excite the wonder and admiration of all who see them. There are four types, Single, Double, Frilled and Crested.

**CULTURE**—The soil should be rich in leaf mould, or well-rotted manure, a little sand being beneficial. Start the bulbs inside in the early Spring, and transplant when danger of frost is past. They should be lifted in the fall before frost, dried and stored in sand in a cool place.

A good way to start Begonias and Gloxinias is to put the bulbs on a layer of moss in a box or flat and cover with another layer. Keep moist, but not too wet; temperature about 70 degrees; this starts both top and roots, then pot for root development before transplanting outside. See page 73 for Gloxinias.

## SINGLE FLOWERING.

These are of immense size, erect, flowers of great substance, free blooming and very lasting. Come in eight separate colors, copper, canary, orange, crimson, rose, pink, white and salmon.

Price, each, 10c; doz., 85c; 100, \$6.00

## CRESTED.

This remarkable strain comes in all the finest colors, and the flowers are as large as the largest singles. The petals, of great substance, carrying on their upper surface a crested formed cockscomb, which is a very attractive and interesting addition to the flower. Price, separate colors,

Each, 20c; doz., \$2.00; 100, \$15.00

## MIXED.

Our Diamond Mixture, containing all of above sorts. Per doz., \$1.50; 100, \$10.00

Our Begonias and Gloxinias come from Ghent, Belgium, where finest bulbs are grown.

Single  
Frilled  
Begonias



## FRILLED.

(See Cut.)

Single frilled Begonias differ from the plain singles only in having the heavy frill or fringe on the edges of the petals. They have the same range of color, handsome foliage and free flowering habit. Separate colors.

Each, 20c; doz., \$2.00; 100, \$15.00

## DOUBLE FLOWERING.

Many charming effects are found in the double varieties, they being often as full and beautiful as a rose, some of the white varieties resembling giant carnations. Price, separate colors.

Each, 15c; doz., \$1.50; 100, \$10.00

# CANNAS

We are extensive growers of Cannas, and the following sorts are newer and better types that will give best results in our climate. Cannas require a rich, moist soil and should not be planted until all danger of frost is past. They are quick growers and the new flowering sorts bloom continuously until frost.

Inexpensive, luxuriant; these charming ornamental plants produce rich tropical effects that cannot be excelled, and the grand new varieties now offered are equally valuable for the beauty of their bloom.

Let us know your requirements. We can supply the correct variety.

Prices: Except where noted, bulbs or plants, in season, each, 20c.; dozen, \$2.00, postpaid.

**ALICE ROOSEVELT**—Deep crimson, compact green foliage; similar and superior to Alphonse Bouvier. Height 4 to 5 feet.

**ALLEMANIA**—Light green, compact foliage, orchid type of flowers, bright golden lemon center marked and spotted terra cotta; height 4 to 5 feet.

**JEAN TISSOT**—Brilliant vermillion; green foliage; fine; 3 to 4 feet.

**KING HUMBERT**—In this grand new orchid-flowered Italian Canna we have a combination of the highest type of flower with the finest bronze foliage. Its mammoth flowers, in heavy trusses, are a brilliant orange-scarlet, with bright red markings, foliage is broad and massive and of a rich coppery bronze with brownish green markings; bold and effective; has no equal; 5 to 6 feet.

**LOUISIANA**—A strong, vigorous grower, producing a dense mass of glossy green foliage and vivid orange-scarlet flowers of mammoth size; orchid type; height 4 to 5 feet.

**MISS BRUNNER**—Bright light yellow flaked carmine; excellent. 4 to 4½ feet.

**MRS. KATE GREY**—Foliage green; flowers very large; rich orange-scarlet, marbled with red, yellow in the throat; 5 to 6 feet.

**W. E. COTTRELL**—Pink, suffused orange; foliage green, marginal brown; 3½ feet; fine.

Price, each 25c.; doz., \$2.50

**PRESIDENT MEYER**—Large, rich, bright scarlet flowers; dark bronze foliage, 3 to 3½ feet; extra good.

**QUEEN CHARLOTTE**—Scarlet, widely bordered, yellow, early, dwarf, compact; 3 feet.

**QUEEN OF BEAUTY**—A deep rich pink, similar to Louise, but darker. 4 feet.

**RED CROSS**—Magnificent rich dark-brown foliage, of massive sturdy habit; flowers a brilliant glowing orange-red; height 3 to 4 feet.

**WYOMING**—A grand orchid-flowering Canna, with deep bronze foliage and immense golden orange flowers, suffused with a blush of crimson; height 4 to 5 feet.

Price, each, 25c.; doz., \$2.50

**RICHARD WALLACE**—Light canary yellow flowers of extra large size and good substance, free blooming, vigorous; green foliage; one of the best of the grand new flowering cannas; 4 feet.

**ROSEA GIGANTEA**—Finest of the new pinks, the rich, deep rose colored flowers often measuring five inches across are borne in the greatest profusion, nothing finer has ever been offered; foliage green; 4 to 5 feet.

**BUTTER-CUP**—A free blooming, large flowering, green foliated bedding canna of fine thrifty habit, bearing immense waxlike flowers of pure buttercup yellow; 3 feet; best of its class.

# DAHLIAS

**CACTUS  
DAHLIAS**



Entire collection, 10 varieties, \$4.50, prepaid. Single plants or roots, each, 50c

**Desdemona**—An exquisitely beautiful, daintily formed flower of the Dorothy Oliver type, but a larger, better Dahlia in every way; the central shade is a lovely creamy canary shading to white at ends of the slender, in-curving petals; flower very full, erect, borne on long stems above the dark, rich foliage; a vigorous free bloomer.

**Dornroschen**—A most unique and remarkable Dahlia coming in variable shades, carmine to brilliant red, shading to delicate pinks with blush suffusions; all degrees of color from the bright red self colors to the lighter variations, on the same plant; a dainty, perfectly formed, fully double flower; long slender petals, beautifully in-curving and quilled; large and free blooming; long stems, erect; compact bush.

**Genoveva**—An elegant distinctive flower of a pale canary yellow, with a beautiful faint greenish tinge suffusing the entire flower, which is large, with well filled incurving petals; erect, long stems, free blooming; approaches paeony type in its twisted formation; bushy, compact, vigorous grower.

**Harmonie**—A fine, full flower, chamois yellow center, outer petals a soft salmon red with lighter tips; a most elegant and free blooming Dahlia; erect grower, good stems, a great improvement over Aschenbroedel.

**Lily Seismeyer**—A rare shade of deep orange buff, with rich light yellow center; a very unusual and beautiful combination; petals are of great substance; blooms large, erect, on long stems; is very early, free blooming, and one of the most lasting when cut.

OUR "Diamond Quality" Dahlias registered prize winners from the best American English and continental producers, will prove a revelation to all growers. The rapid evolution of the types and varieties, under scientific culture is the marvel of the floral world, and their possibilities can hardly be imagined.

Though the genus comprises but few species, Dahlias have a wider range of color than any other flower and for intense brilliancy and beauty have never been equaled.

We grow our own Dahlias, offering only those we know to be valuable. Our descriptions are made in the field, not copied or guessed at, and our Dahlias are true to name. They are also erect bloomers and good keepers, for in this list we have included only those that have withstood our severe field trials, the best Dahlias from the most famous growers.

## 10 Newest Cactus Dahlias

Rare Novelties of Real Merit that Will not Disappoint You.

Modell—This is truly a model Dahlia with a coloring all its own. A beautiful clear waxy yellow,

with a delicate plum blush sheen over tips of petals; a dainty, lovely flower of large size, perfect form, petals incurving, erect on long stems; one of the best bloomers and most vigorous growers ever produced. Add Modell to your collection.

Mauve Queen—A beautiful true lavender with lighter center, full flower with finely quilled petals; beautifully formed, incurved; an erect grower, long stems, vigorous, free blooming; a grand exhibition flower and one of the best introductions in years.

Othello—A glorious full, large flower of deepest, richest crimson, center almost black; finest true cactus form; petals of great substance, free and continuous bloomer, producing the most perfect flowers; long stems, erect, good keeper; an ideal flower in every way and one of the earliest.

Vulcan—A brilliant fiery vermillion, or orange scarlet, a veritable "hedge of fire," one of the most profuse bloomers, rivaling the Countess of Lonsdale; a splendid flower on long, erect stems high above the foliage; compact, vigorous bush. Vulcan is the ideal hedge Dahlia—and as a cut flower outlasts other Dahlias. Try it.

Weisse Dame—A valuable new white of splendid form; large, full, petals curved and twisted; one of the best and most free-blooming of white cactus Dahlias; its great wealth of perfect flowers are borne erect on long wiry stems; compact bush.

## CULTURE

Dahlias will grow to perfection in any good garden soil, preferably one that contains a little sand. Plant as soon as the frost is gone and the ground warm, cutting the tuber to a single strong eye, and placing it on its side at a depth of about 6 inches, in ground that has been previously well cultivated. An excellent way to start Dahlias is to sprout the tuber in a green house and set out the rooted plants. These are generally believed to give more and better flowers, but is more trouble than planting the bulbs. Rows should be four feet apart, plants 18 inches to 3 feet apart in the row, depending on whether planted for a hedge or for specimen plants. Cultivate thoroughly until ready to bloom, then deep tillage must cease and only the surface be lightly stirred, as deep cultivation at this time is fatal to blooming.

If you use commercial fertilizer, do not apply until the plant starts growth, then work it into the top soil, 5 or 6 inches from the plant. Bone meal is an excellent fertilizer for Dahlias but must be applied early, as it is slow in action. When the plant is well up, say 6 to 10 inches, pinch off the top, leaving 2 or 3 joints. This will cause it to branch out into a more sturdy, bushy growth. Water freely.

# New Paeony Flowered Dahlias

A complete list of the best varieties, including the most recent introductions.

**T**HIS newest type of Dahlia, originating in Holland, comes to us with the endorsement of all Europe. The blossoms are semi-double of enormous size, and the coloring is most brilliant and beautiful. They come in several pleasing forms, generally with 3 to 5 rows of petals, which are long and broad, sometimes being beautifully curled and twisted.

Peony Dahlias bloom more freely than any other class, are very vigorous, growing to a height of 5 to 6 feet, with their flowers on long stems above the foliage.

Dahlias make fine flowering hedges. We can tell you the best kind.



"Geisha"

New Paeony  
Flowered  
Dahlia

## Geisha

This is the most remarkable and distinctive Dahlia ever grown, and while belonging to the "paeony" section, is in a class of its own; the color is unique, entirely apart from other Dahlias, having a rich, bright golden yellow ground color near center; suffused and heavily marked with clear bright red, shading toward points of petals into the clear yellow of the ground color; a beautiful deep golden center, adds to the harmony of the color scheme which is the most striking and brilliant ever seen in a Dahlia. The immense flowers often attain a width of 10 to 12 inches, and the massive petals, more than in any other paeony type, are twisted and curled in the most fantastic manner. Geisha is a sure grower and free bloomer even in the driest weather, but is a shy reproducer and very scarce.

Each, 75c

## TRIAL COLLECTION 14—SUPERB PAEONY DAHLIAS—14

Entire Collection Well Rooted Plants, Prepaid to any address, \$6.00.

We cannot furnish bulbs of these varieties, but recommend rooted plants as giving even better results than tubers.

**King Leopold**—Cream yellow to white, Large, long stems, good. Each, 50c

**La Riant**—Deep pink flowers, long stems, good keepers, distinct garden variety of great value. Each, 35c

**Mannheim**—Soft orange, fine form. 6 ft., Each, 50c

**Merveille**—Orange yellow, of great beauty. 4½ ft., Each, 50c

**Paul Kruger**—Large white, shaded red, bright attractive. 3 ft., Each, 35c

**Queen Alexandra**—Sulphur white, fine 4 ft., 75c

**Andrew Carnegie**—Salmon pink, shaded bronze, extra large. Each, 75c

**Bertha Von Suttner**—Salmon pink, shaded yellow, erect, elegant form. Each, 50c

**Baron G. de Grancey**—Creamy white, long stems, good habit. Each, 35c

**Dr. K. W. Van Ghorkom**—White shaded rose, free blooming. Each, 35c

**Glory of Baarn**—Soft pink, erect, giant size, fully double. Each, 35c

**H. Hornsveld**—Enormous soft salmon pink flowers 50c

**Hugo de Vries**—Brownish orange, open form. 3 ft., 50c

**King Edward**—Large purple crimson, fine. \$1.00

## Giant Edelweiss

This new type of Dahlia has true cactus petals of enormous length, curving inward at the tips; color a pure glistening velvety white, of great substance; the center is a brilliant golden yellow, forming a most striking contrast, producing a perfect duplicate of the famous Edelweiss of the Alps, on a gigantic scale, hence its name.

For vigor of growth, free blooming and perfection of individual flowers, we have never seen its equal. Planted in the field without irrigation in the driest season, "Giant Edelweiss" was a mass of bloom, flowers from 6 to 8 inches across on long stems borne high above the compact bush, which grows 4 to 5 feet.

Strong flowering roots or plants in season, each 75c

## Germania

A rich, dark, velvety wine color with a suffusion of golden-yellow toward the edges of petals. Germania is free from the purplish tint that spoils other reds.

Plants or tubers. Each, 35c; 3 for \$1.00

## Queen Wilhelmina

Large pure white, central petals beautifully twisted and curled; very vigorous and free flowering; one of the finest garden Dahlias.

Plants or tubers. Each, 35c; 3 for \$1.00

## Glory of Groenekan

Extra large flowers of finest form. Color a splendid golden orange. Strong grower; free-flowering.

Plants or tubers. Each, 35c; 3 for \$1.00

## P. W. Janssen

A magnificent Dahlia of splendid form and distinctive coloring, being a lovely shade of old rose, marked and suffused with deep, rich golden yellow, a rare and beautiful combination.

Bush grows to a height of 5 or 6 feet, is very vigorous and blooms freely. The giant flowers are borne high above the foliage, on long, strong stems.

Each, 40c postpaid; doz., \$4.00

## Philadelphia

This new Giant Dahlia belongs to the same type as Giant Edelweiss. Color is carmine rose, passing to a soft blush white, center bright yellow; showing stems above the foliage, 4 to 5 feet.

Roots or plants in season, each 50c

# FINEST CACTUS DAHLIAS

From comparative tests in the field we have selected the following as being the best of their types and color. This list contains many of the new Dahlias as well as the best of the older ones:

 In lots of one dozen or more deduct 25 cents per dozen from the single price.

## White

- Fairy—Beautiful clear white, narrow petals, fine form; one of the best; try it. Each, 25c  
 Florence M. Stredwick—A grand new white; large, fine form. Each, 25c  
 Schwan—The giant blooms of a pure glistening white with their narrow, twisted petals have a beauty and elegance not approached by any other variety. Blooms early. Each, 35c  
 Lawine—Fine large white, faint blush tint, erect, free-flowering; extra good. Each, 35c

## Red

- Berlichengen—New, deep crimson-carmine; brighter at tips; of the finest form and substance; a true cactus type of rare beauty; very floriferous. Each, 25c  
 Burbank—Deep rich cardinal red, of finest form and substance, full and free blooming; best of its color. Each, 25c  
 Matchless—Dark rich crimson. Each, 20c  
 Progenitor—Bright carmine, fringed petals, new variety of great beauty. Each, 20c  
 Uncle Tom—Deep velvety crimson; almost black; fine form, full and attractive. Each, 20c  
 Roland Von Berlin—A fine scarlet of great brilliancy, flowers full and erect; long stems; one of the best. Each, 35c  
 Rother—Dark rich crimson, very early and free flowering, of vigorous, erect habit; bush rather dwarf; flowers of the largest size; perfect cactus type. Each, 20c  
 Signal—Brilliant crimson-scarlet; height 24 inches; flowers large, of fine form; free-blooming. Each, 35c

## Pink

- Britannia—Beautiful salmon-pink. Each, 25c  
 Countess of Lonsdale—Rich, rosy-pink, very floriferous. Each, 15c  
 Frau Hermina Marx—A new Dahlia of rare beauty; color the same lovely shade of pink as the La France rose; center delicate flesh; erect, free bloomer; very desirable. Each, 25c  
 Pink Pearl—Deep rich pink; fine form. Each, 20c  
 Kriemhilde—Blush-pink; a prize winner; one of the finest new Dahlias. Each, 20c

## Decorative, Show and Fancy Dahlias

- Dreer's White—A magnificent white, of great purity, long stems. Each, 35c  
 Dr. Gates—Beautiful shell-pink; good for cut flowers. Each, 20c  
 Jeanne Charmet—A dainty exquisite pink, margined pale yellow, shading to pure white at center, large, fine, full form, erect, long stems, one of the best of the new decoratives. Price, each, 35c  
 Kaiserin Augusta Victoria—Magnificent white flowers, of immense size and perfect form, borne erect on long stems high above foliage, blooms freely until cut down by frost, invaluable for landscape or large plantings. Price, each, 35c  
 Lavender Queen—Clear, soft lavender; petals deeply serrated. Each, 15c  
 Mrs. Winters—Snow white, large beautiful form. Each, 20c  
 Miss Frances Fell—Decorative; white, lilac shading. Each, 20c

## Quilled Varieties

- A. D. Livoni—This grand old variety still remains the best pink of its type. Each, 15c  
 Grand Duke Alexis—Finest large white. Each, 15c  
 Lucy Fawcett—Sulphur-yellow, flaked crimson. Each, 15c  
 Thos. Pendred—Finest and largest of the pure yellows, a rich soft shade of golden yellow, perfect form, blooms freely and continuously even in dryest weather. Each, 25c

Helene—Delicate, clear pink, with rich creamy center, a beautiful flower on very long stems and the greatest bloomer of all. Each, 35c

Mrs. Stranock Gaskill—A delicate shade of exquisite pink; large, finely petaled; a rare novelty of great beauty. Each, 40c

## Yellow and Shades

- Capstan—Orange-scarlet and apricot; one of the finest for cut flowers; dwarf habit, free-bloomer, with large, perfect flowers on long, stiff stems. Each, 15c  
 Master Carl—Bright amber, of giant size and perfect form, immense petals, gracefully curved; free-blooming, distinctive. Each, 35c  
 Prof. Zacharis—Beautiful clear bright yellow; profuse bloomer; good garden sort. Each, 25c  
 Miss Dorothy Oliver—Pale primrose yellow; long narrow petals; fine form; beautiful and attractive. Each, 35c  
 Stern—Odd and beautiful; star shaped; pure lemon-yellow flower; vigorous; good for garden or cut flowers. Each, 35c  
 Prince of Yellows—Splendid lemon-yellow, free-blooming, finely formed flower. Each, 20c

## Variegated and Shaded

- Aschenbrodel—Orange pink, distinct coloring; of great beauty of form, vigorous, free-flowering; one of the finest ever produced. Each, 25c  
 Antelope—Rich yellow; bronze red shading. Each, 25c  
 Papagei—Yellow and rosy red, lemon tips. Each, 25c  
 Reliable—A blending of yellow, brick red and salmon; truly a grand flower. Each, 25c  
 Effective—Chamois rose, yellow shadings. Each, 25c  
 Comet—Extra large, silvery rose, marked crimson, a very free bloomer, of good habit. Each, 25c  
 Aurora—Considered the grandest Dahlia ever grown. We are inclined to this belief after personal observation during the past season. Color almost indescribable, shading through tints of pink, amber, rose and cream; a model flower of perfect form, and splendid habit of growth. Each, 35c

## Decorative, Show and Fancy Dahlias

- Mme. A. Lumiere—Pure white with violet red points, good. Each, 35c  
 Mrs. Roosevelt—A beautiful, delicate pink, of immense size, fine stems, perfect form, large and double, superb. Each, 35c  
 Navajo—Rich, velvety red; splendid sort. Each, 20c  
 Opal Queen—A rare, new color; the same as the stone of that name. Each, 20c  
 Perle D'Or—Large, pure white, free bloomer, erect, edges of petals split giving distinct appearance. Each, 20c  
 Sylvia—Splendid pink; floriferous; keeps well. Each, 15c  
 Souvenir de Gustave Doazon—(Decorative.) The largest Dahlia to date; often growing 9 inches in diameter; constant bloomer, magnificent rich scarlet color; the greatest of all Dahlias. Each, 25c

## Pom-Pons

- These are pretty little globe shaped flowers, on long stems, high above the dwarf foliage, fine for border, keep well when cut.
- Catherine—Purest yellow; large. Each, 20c  
 Darkest of All—Darkest pom-pom; perfect flowers. Each, 20c  
 Nerissa—Soft pink, silvery tint; a beautiful new color. Each, 25c

# GLADIOLI

**T**HE newer types are of immense size and exquisite coloring, their grace and attractiveness now commanding the attention they have so long deserved. This season we offer a splendid novelty in the New Giant Ruffled Gladioli "Glory," a marvelous flower of this new race which is an American introduction of the utmost importance.

**CULTURE.**—Gladioli may be planted as early as the ground can be worked or as late as June. A sunny situation is preferred. Plant to a depth of 3 to 6 inches, depending on the size of bulb. Largest bulbs are not always best, as some varieties do not produce large bulbs. Any garden soil will give satisfactory results, but if well enriched, cultivated and freely watered when buds first show, Gladioli will amply repay you for this additional care. If cut when the first bud opens and put in water, the flowers will open perfectly, keep for many days, and the coloring is richer and more delicate than if left on the plant.

## New Giant Ruffled Gladioli

A distinct novelty of genuine merit.

Ruffled Gladioli have broad, expanded flowers, paired and faced the same way, borne on strong stalks, 3½ feet high, from 4 to 8 flowers open at the same time; petals are exquisitely ruffled and fluted, giving the flower a refined, graceful appearance. The originator has many varieties in all colors and shades that will be offered as rapidly as stock can be produced. One selection will be given to commerce in 1911 and has been named.

**Gladiolus Kunderdi**—"GLORY." Color a delicate cream pink tint with an attractive crimson stripe in the center of each lower petal. The shade is new and the flower is indeed a glorious beauty. There are but few bulbs offered this season and as the introductory price is very low, you should order now and be one of the fortunate few who will secure this great novelty for trial.



## FIVE Beautiful and Distinct Gladioli 5 Bulbs, One Each, Post Paid \$1.00

**DAWN**—An elegant rose-colored flower with large, clear white center, a most beautiful new Gladiolus.

Price, Postpaid, ea., 25c.; doz., \$2.50

**CONTRAST**—Intense scarlet with pure white center; one of the grandest, most attractive new flowers.

Price, Postpaid, ea., 30c.; doz., \$3.25

### 12 Select Gladioli,

**AMERICA**—Exquisite shade of flesh pink tinted lavender. The most popular gladiolus.

**ATTRACTION**—Deep crimson, white center.

**AUGUSTA**—Lovely pure white; blue anthers.

**BRENCHLEYENSIS**—Rich vermillion, shading to scarlet.

**CANARY BIRD**—A pleasing bright yellow.

**HARLEQUIN**—White-striped and suffused with rich dark crimson.

**I. S. HENDRICKSEN**—Large, beautiful flowers, mottled, white and pink; variable.

Price, postpaid, each 15c.; entire collection, 12 varieties, \$1.50.

### Mixed

**DIAMOND MIXTURE**—Select named varieties with choicest Childsi Hybrids.

Doz., \$1.00; 100, \$5.00

**GLADIOLI CHILDSSI**—Of grand size and color, very showy, containing a large per cent of red and dark shades.

Doz., 75c.; 100, \$4.00

**GLADIOLI, FINE MIXED**—This mixture will produce a large variety of fine flowers unequalled for the price.

Doz. 50c.: 100, \$3.00

Ruffled  
Gladioli  
"Glory"

## Gladioli

**GLADIOLI, GROFF'S HYBRIDS**—A mixture of Hybrids of all sorts, giving in one bed the greatest range of colors and variations.

Doz., 50c.; 100, \$4.00

**GLADIOLI LEMOINEI**—Mostly light shades, odd and fantastic markings. Brilliant and showy;

Doz., 50c.; 100, \$3.00

## Caladiums

**Esculentum**—(Elephant's Ear) Grand tropical looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. In deep, rich soil, if freely watered, they produce enormous leaves, frequently four feet long by three feet wide. Plant in the spring. Height, 4 to 5 feet.

Each, 25c.; doz., \$2.00

## Tritoma

Pfitzeri

**Everblooming Flame Flower or Red Hot Poker**

This new sort is of a rich orange scarlet, blooming from mid-summer to latest fall; spikes 3 to 4 feet high; one of the very best of this useful class, which is hardy with slight protection, but winter best if lifted and stored in sand. These hardy perennials are unsurpassed as border plants or for mass effects.

Strong flowering roots 25c.; doz. \$2.50, prepaid



Nursery near Portland where our "Diamond Quality" Paeonies are grown.

## Paeonies, Double Herbaceous

**T**HE development and increase in popularity of the Peony has been unparalleled among flowers, and the profusion and duration of bloom, combined with handsome, massive foliage, accommodating habit, and easy culture, render them one of the most popular, hardy plants grown for lawn and garden decoration.

### NEW—BARONESS SCHROEDER.

(*Kelway*)—We offer true stock of this rare Peony, the most beautiful and desirable of English introductions.

Color in bud is a lovely, delicate flesh pink, bleaching to white when fully expanded, extra large massive flowers; true stock is scarce and we can supply but a limited number of field grown roots, 2 to 3 shoots. Price, each, \$2.50

**Festiva Maxima**—This superb variety is easily the most popular and valuable Peony. Its flowers, of rare beauty and great size, are perfectly double, pure white, tipped or flaked with a small crimson spot at center; petals fine as summer silk; finest white in cultivation; strong roots. Price, each, 75c

Large specimen plants, \$2.00

**Officinalis Rubra**—Flowers of a bright scarlet crimson; quite double and globular; very early, rare and fine. Price 30c

**Officinalis Alba**—Blooms with *Officinalis Rubra* flowers, large and handsome. When Alba first opens it is light pink, fading to white as flowers get older. Price 30c

**Golden Harvest**—Nearest approach to yellow; shows some pink while in bud, but as soon as it opens, turns to a creamy yellow, with a few red tips; a fine free bloomer and a grand flower; mid-season. Price 60c

**Mad. de Verneville**—Broad outside petals, sulphur white, with center rosy white, sometimes edged carmine, and beautifully imbricated; an exceptionally fine full flower, with the sweet fragrance of the rose. One of the earliest. Price 50c

**OFFICINALIS ROSEA**—Beautiful bright pink globular flowers, blooms with *officinalis alba* and *Rubra*. These splendid early bloomers produce fine flowers for Decoration Day. Price, 30c

**FLORAL TREASURE**—Lovely salmon pink tint, greenish heart, large full flower, light green foliage; a free bloomer and a fine cut flower. Price, 60c

**DELACHEI**—Large full flower of a deep rich crimson, purplish tone; a free blooming thrifty grower, very fragrant; medium to late. Price, 35c

**SOUVENIR DE L'EXPOSITION**—Large full flower of a lovely light cherry red. Price, 60c

**COURONNE D'OR**—A superb white flower of immense size, reflects yellow, center petals bordered carmine, a perfect flower of great beauty, very fragrant, free blooming and vigorous; late. Price, 75c

**MAGNIFICA**—Truly a magnificent peony; color a beautiful rich pink; a thrifty, free blooming and desirable kind. Price, 40c

**QUEENS PERFECTION**—One of the finest of the creamy flesh whites, large, full and attractive. Price, 75c

### Paeony Moutan (Tree Peony).

Grows about four feet high, forming a small, tree-shaped shrub. When this plant becomes well established and is covered with dozens of massive blooms, it presents a magnificent display. We have **Crimson, Pink, Scarlet, Rose and Variegated**.

**Strong Imported Roots**, from January to May, by express at buyer's expense (too heavy to mail). Each, 75c

Paeonies are always free from disease and insects do not bother them. They are hardy, thrifty growers, bloom freely, and nothing will add more to the beauty and attractiveness of a lawn.

## Yucca

**Spanish Bayonet or Adam's Needle**—Has a fine appearance; the stems grow two to three feet above the ground; covered with large, bell-shaped flowers on laterals, forming a perfect pyramid; valuable for rockwork.

**Filamentosa**—Thread leaved, creamy white; July. Plants, 2 feet, each, 75c to \$1.00

## Bleeding Heart

**Spectabilis**—One of the most ornamental of hardy spring flowering plants, with elegant, green foliage and long, drooping racemes of heart-shaped flowers. This is deemed one of the finest of all hardy garden plants.

**Strong Roots**, Each, 30c, postpaid

## New White Bleeding Heart

**Spectabilis Alba**—A splendid novelty for conservatory or cool greenhouse. If planted outside, must be placed in a sheltered position. A pure white, free-blooming, beautiful variety of great value. We have grown this in the open with splendid results. Try it.

**Strong Roots**, Each, 50c; postpaid

**ST. JOHNS WORT**—Clump

*Hypericum Moserianum*.

Low growing with yellow blooms; a drought resister. July and August. 50c.



St. Johns Wort.

## Pampas Grass

A noble ornamental grass, easily grown, producing long, pointed leaves and majestic, silvery white plumes, which are very valuable for winter decoration; grows 6 to 8 feet high.

**Strong roots**, each, 60c to 75c  
Large specimen plants, \$2.00 to \$5.00

## CRIMSON FOUNTAIN GRASS.

Foliage and stems deep bronzy red, with long tassel-like inflorescence of rich crimson. Cut this while in the sheath, drying in a cool place and it will develop perfectly. The most beautiful and useful of the ornamental grasses. Height 6 feet. Price, nice plants, each, 25c; dozen, \$2.50. Large plants, each, 50c.

## Water Lilies

These beautiful and interesting plants can be easily grown in tubs made by cutting a barrel in half and setting one or both halves deep in the ground, to within a few inches of the top. Put in good loam soil, with one-third old manure, or better still is the soil from a swamp or lowland, using one-third of old well-rotted manure; cover soil with a layer of sand one to two inches deep, allowing for a depth of six inches of water.

Water Lilies like a mild temperature, and still water, and will not succeed where a fountain is playing or where there is a cold or strong inflow.

**Nymphae**—Hardy white.

Single roots, 35c, postpaid

Large roots, 75c to \$1.50 prepaid

**Nymphae**—Hardy yellow; fragrant.

Single roots, 50c, prepaid

Large roots, \$1.50, prepaid

## Parrots Feathers

Produces long trailing sprays of lovely green, finely cut foliage set in symmetrical whorls; plant in a water tight vase or hanging basket, keeping water standing over the surface. A beautiful, thrifty growing, hardy plant. Try it. **Good roots**, each, 25c; doz., \$2.50.



### WATER LILIES

And How to  
Grow Them  
228 Pages  
\$1.10  
Postpaid

## PORTLAND SEED COMPANY'S

**Mastodon Pansies**

FOR years the Steele Pansy Gardens have grown our Giant Pansies and co-operated in securing the finest strains from the world's most celebrated growers. These have been carefully reselected and bred up to their present surpassing excellence, and for giant size, substance, form and coloring we have never seen Pansies to compare with them. Named varieties and special strains are grown separately and the seed collected by hand and carefully blended into what we believe to be the finest mixture ever offered.

**MASTODON PANSY SEED**

We offer a limited amount of this hand selected seed, DIAMOND MIXED.  
Per pkt., 25 cents.

Large Trade pkt., \$100

**"Mastodon Pansies" in Bloom**

From March until June we offer our famous "Mastodon" Pansy plants in full bloom—none finer in the world. Put up one dozen in a basket.

Price, 60c to \$1.00 per basket by express, buyer to pay charges. You will not be disappointed in these.

**Giant Pansies**

**NEW GIANT PANSIES**—Our Giant Plants are in a class of their own and cannot be compared to any other Giant Pansies, no matter where grown. We know that their equal is not produced in this or any other country. A trial basket will convince you. They are the best value ever offered in a bedding plant.

Each, 5c; per dozen, 50c; by mail, 75c dozen.

**Sweet Violets**

Price, each, 15c; 6 sorts, 75c.

**Alaska**—A grand sort, well adapted to garden culture; enormous double flowers of a deep blue-black color and powerful fragrance.

**Lady Hume Campbell**—Large double flowers of a beautiful light blue color; very free-blooming and exquisitely fragrant.

**California**—Very showy and beautiful flowers of enormous size, deep violet blue; deliciously fragrant; single.

**Princess of Wales**—Flowers single, of gigantic size; color a very rich shade of blue, and extremely fragrant.

**Marie Louise**—A constant bloomer, producing great quantities of large, double flowers, lovely deep violet purple.

**Swanley White**—The finest and best double white violet in cultivation.

**Popular Bedding Plants**

During the months of April and May we have thousands of the following hardy bedding plants, price per dozen by express at buyer's expense:

Alyssum .....	\$ .35	Daisies .....	\$ .50
Asters .....	.25	Forget-Me-Not .....	1.00
Balsam .....	.50	Geraniums .....	1.00
Carnations .....	.50	Heliotrope .....	1.00
Cosmos .....	.35	Hollyhock .....	1.00

Lobelia .....	\$ .35	Phlox .....	\$ .50
Marigold .....	.50	Salvia .....	.50
Mignonette .....	.50	Stocks .....	.35
Petunia .....	.50	Vervena .....	.50
Pansies .....	.50		

For description of these flowers, see Flower Seed Department. If wanted by mail, add 25c per dozen for postage, and if it does not require this amount, we will put in extra plants.

**Hardy Perennial Garden Plants**

Price, each, 15c; 6 sorts, 75c

**English Primroses**—Finest sorts, from pure yellow to deepest crimson-maroon; early, low-growing, fragrant.

**Gaillardia Grandiflora**—Splendid large flowers; combination coloring of yellow, brown, crimson, orange; height 2 feet; bloom until frost; fine for cut flowers; hardy everywhere.

**Coreopsis, Golden Sunbeams**—Beautiful golden-yellow flowers on long stems; always in bloom; fine for cutting.

**Campanula**—New Double White—A dainty and beautiful flower, 2 to 2 1/2 feet high, bearing spikes of large snow white, prettily formed, fully double blossoms. Pinch off the old flowers and the plant will bloom continuously. One of the best border or bedding plants ever offered.

**Hollyhocks**—Old favorites now in great demand.

**Double and Single**—White to deep maroon; extra fine strains.

**Poopy, Iceland**—Beautiful dwarf-growing, continual producer of lovely cup-shaped flowers; yellow, orange and white.

**Helianthus, Soleil D'Or**—Graceful golden yellow flowers; petals quilled; always in bloom.

**Rudbeckia, Golden Glow**—Bears in greatest profusion immense, double blooms, large as Dahlias, of the brightest golden yellow; hardy everywhere.

**Shasta Daisy, Alaska**—This new "Shasta" is covered with immense fluffy white blooms, with golden eyes, from July until late fall; long stems; fine for cutting; one of our best hardy border plants.

**Helianthus Sparsifolia**—Superb new single sunflower of striking beauty; blooms late in the season. A real gem among hardy plants. We especially urge you to give this a trial.

**Poppy, Oriental**—Immense rich orange scarlet flowers.

**Perennial Phlox**

Hardy as an oak, increasing in beauty each year, few things are as beautiful and satisfactory. The marvelous new colors, beautiful foliage and easy culture, make this choice flower one of the most desirable we have grown:

We offer the following fine collection which

Beranger ..... White with pink eye; dwarf.

Bacchante ..... Rose with crimson eye; tall.

Clara Benz ..... Rose with deeper eye; dwarf.

Caran d'Ache .. Red, rose shading, white eye,

medium.

Eclaireur ..... Rose with lighter halo; tall.

Price, Strong Flowering Roots, each, 15c; doz., \$1.50

La Vague ..... Pure mauve, red eye; medium.

Pacha ..... Deep pink with red and carmine

purple eye; dwarf.

R. P. Struthers .. Rose carmine, red eye; tall.

Miss Lingard .. Fine early white; tall.

Geo. A. Strohlein.Bright scarlet, red eye; medium.

# GERANIUMS

THE popular demand for Geraniums has encouraged us to provide an ideal collection of superb new varieties which we know will be appreciated by our customers. To repeat the words of a famous grower, "We believe in Geraniums." They grow beautifully throughout the entire year, making cheery house plants, and are our finest hardy bed and border plants. No other flower has a wider range of usefulness.

## Geraniums for Pots and Bedding

### SIX FINE SINGLE VARIETIES.

Price, postpaid, 10c each; set of 6 sorts, 60c.

**GERTRUDE PEARSON**—Flowers bright pink, upper petals shaded to white.

**JACQUERIE**—Rich, vivid crimson; immense trusses.

**JAMES KELWAY**—Brilliant scarlet, of the most dazzling shade; very large trusses and florets.

**MRS. J. M. GARE**—Trusses large and of perfect form; color pure snowy white.

**MRS. A. BLANC**—Light salmon, blended with darker shades; center and edge of petals pure white; extra fine.

**SAM SLOANE**—An extra fine velvety crimson maroon carrying immense trusses.

### SIX FINE DOUBLE VARIETIES.

Price, postpaid, 10c each; set of 6 sorts, 60c.

**FRANCIS PERKINS**—The finest pure pink variety we know of.

**JOHN DOYLE**—Very large and full trusses of double bright, velvety scarlet flowers.

**LA FAVORITE**—Trusses very large; flowers pure snow white.

**MME. JAULIN**—A truss of grand size, delicate pink, bordered with pure white.

**S. A. NUTT**—The best of the rich, dark crimson varieties; trusses massive.

**THOS. MEEHAN**—Rich various rose color, upper petals marked with orange.

## 10 Rare New Single Geraniums

Price, 15 cents each; set of 10 Sorts, \$1.25.

**GABRIEL MONTOYA**—A most distinct and striking shade of reddish purple; large, round, full flowers; immense trusses; free flowering; strong, robust grower and grand habit.

**HALL CAINE**—Brilliant orange scarlet, suffused rose; a unique and charming self color, flower of giant size; grows well, is free blooming and desirable either as bedding or pot plants; one of the finest Geraniums ever grown.

**MARINA KAVOLEVSKI**—Odd shade of orange red; very distinctive, splendid bedder, vigorous, handsome, a dependable sort.

**MME. MOSNAY**—Beautiful shade of Geranium lake; upper petals shaded violet to a white center; flowers freely produced in enormous trusses; clean, strong, robust, healthy grower.

**MAD. CHAPOTAN**—Delicate light pink; large flowers of good habit, nice foliage; specially desirable as a pot plant.

## 10 Rare New Double Geraniums

Price, 15 cents each; set of 10 Sorts, \$1.25.

**EDMOND BLANC**—Semi-double; deep carmine, red tinged violet, with large white eye. We have found this to be one of the finest new sorts out.

**DR. PHILIPPE TISSIE**—Robust grower; large trusses borne on long stems; light crimson, shaded through magenta to grand white center. Beautiful and striking.

**FLEU E BLANC**—Color pure white; very large, handsome, rich green foliage, zoned with dark green; growth dwarf, vigorous and compact.

**GENERAL SAUSSIER**—Exquisite shade of carmine, shading to white center; large trusses.

**JAMAIQUE**. Grand, large trusses of enormous flowers of rich cherry red.

**MME. BARNEY**. A splendid deep pure pink, of a lively shade and grand habit of growth; dwarf and branching.

**M. ANATOLE ROSELEUR**. A most beautiful shade of deep rose pink, rivaling in beauty and freshness the color of the Paul Neyron rose, a color that has been more admired than that of any Geranium we have on our place.

**MME. CHARROTE**. Clear, distinct rosy salmon, shading lighter toward the outer edges—a combination that is pleasing and attractive.

**MME. LANDRY**. A distinct salmon pink, with a slight shading of scarlet; habit semi-dwarf, vigorous; broad, heavy, deep zoned foliage.

**ORNELLA**. A magnificent new variety, which we are confident will meet every requirement of a semi-double scarlet Geranium, either as a pot plant or a bedder. The color is so intense scarlet as to dazzle the eye.

**LADY WASHINGTON**—(Pelargonium) In splendid assortment. Price, Each 15c; doz. \$1.50.  
Large Plants, 35c; doz. \$3.50.





**WE** offer a splendid list of Ferns, including some of the newest varieties as well as the older sorts. All plants are in fine growing condition, and well rooted. Florists wishing stock of the new varieties write for prices.

### Nephrolepis or Boston Ferns

**N. Amerpohlii**—This charming "Lace Fern" is so finely "crested" as to have a fluffy lace-like appearance that makes it the most beautiful and attractive "sport" that has yet been developed from the Boston Fern. The growth is rather dwarf and bushy, making an ideal plant for house or table decoration. **Price from 4-inch pots, 60c.**

**N. Scholzeli**—The crested Scott Fern. Makes a dense, compact growth; is finely crested and of dwarf habit; stands erect with gracefully arching fronds making beautiful specimens in small as well as large plants. **from 4-inch pots, fine well-rooted plants, 60c postpaid.**

**Boston Fern**—This is the original and well known type of "Sword Fern," so popular as a hardy house plant. **Nice plants, each, 20c; large plants, each, 35c to 50c; specimen plants, \$1.50 to \$3.00.**

**Scott Fern (Nephrolepis Scottii)**—Identical with the original Boston type, but is dwarfer with a more compact and bushy habit of growth. **Price, from 4-inch pots, 60c postpaid.**

**Ostrich Plume Fern (Nephrolepis Whitmani)**—One of the most wonderful and beautiful introductions of the present age; this new sort is a sport from the well known Boston Fern; has a beautiful feathery appearance, and is one of the grandest of decorative house plants. **Nice plants, 20c to 35c each; specimen plants, \$2.50 to \$3.00.**

**Superbissima**—The most unique and distinctive fern. Color a deep rich green, very dense and erect habit; foliage finely cut and crested; succeeds splendidly under almost every condition and is a very desirable table decoration. **Price from 4-inch pots, nice plants, 60c.**

### New and Popular Ferns

**Maiden Hair (Adiantum Cuneatum)**—This is the hardy Maiden Hair Fern so valuable to florists for cutting, and must not be confused with the older sorts that cannot be successfully handled; this fern grows freely under almost any condition inside, and if you have not been successful with "Maiden hair" ferns as a pot plant, try this one; it is a sure grower.

Good plants from 4-inch pots, \$1.00 postpaid.

**Asparagus Sprengerii (Emerald Feather)**—Handsome and valuable evergreen trailing plant for the house or conservatory; its beautiful sprays of lovely green, feathery foliage can be cut freely.

Nice plants, each, 20c; large plants, 35c to 50c.

**Ostrich Plume Fern**—One of the most wonderful and beautiful introductions of the present age; this new sort is a sport from the well-known Boston Fern; has a beautiful feathery appearance, and is one of the grandest of decorative house plants.

Nice plants, 20c to 35c each; specimen plants, \$2.50 to \$3.00.

**Boston Fern**—One of the most beautiful and useful of house plants; is of easy culture.

Nice plants, each 20c; large plants,

**Birds Nest (Asplenium Nidus Avis)**—A rare and beautiful fern with broad outer leaves; centre curiously formed like a nest; color is deep green; an attractive pot plant for exhibition.

Well-grown Specimens from 4-inch pots, \$1.50 postpaid.

**Asparagus Plomosus (Climbing Lace Fern)**—A finer and more delicate plant than the Sprengerii, but hardy and easily grown; very satisfactory for window and house culture; the fronds retain their freshness for weeks when cut; fine for floral decorations.

Nice plants, each 20c; large plants, 25c to 40c

**FOR FERN DISHES**—Attractive assortments, sufficient for 5 to 6 inch pans. From 75c to \$1.00, postpaid.

### Japanese Fern Balls

**Directions for Starting**—Place ball in water for 15 minutes, and then suspend in any desired position, or place in a shallow dish; repeat every two days until growth is started, after which sprinkle occasionally as required. They need very little sun.

Price of Balls in dormant state, each 75c.



We can supply any of above in all sizes from 2½-inch pots up to large specimen plants.

Prices, from 35c to \$3.00 each.

### DIAMOND PLANT FOOD

**For Ferns, Palms and House Plants. Clean, Odorless, Highly Concentrated**  
Produces Luxuriant Foliage --- Brilliant and Lasting Flowers. A 25-cent package  
will feed a dozen large house plants a whole year.

Price: ½-lb Pkg. 15 cts. Postpaid 25 cts. 1-lb Pkg. 25 cts. Postpaid 40 cts.

# Palms and Ornamental Plants



**PALMS** lend to their surroundings an atmosphere of elegance and completeness, and with proper care will thrive in any home, making the most magnificent and useful decorative plants.

**CARE OF PALMS.**—Good garden loam, with a little sharp sand, is the best soil for palms, and good drainage is of first importance—do not keep a palm too wet. If you set the pot in a jardiniere put something under the pot to let the water drain through. Never let water stand around the bottom of the pot. Water thoroughly but let it drain off, then when the soil begins to look dry give another good wetting. It is important to keep the soil of any pot plant moist—clear through—but not wet like mud. One other important point: Soil must have light; palms and some plants would do well without strong light, but the soil would soon sour and fail to nourish them, therefore, when not actually in use keep them as near the windows as possible, but not in the hot sun.

Bone meal is the best fertilizer; a tablespoonful to a 7-inch pot is a good proportion. Dig well into the soil. Apply when new growth shows. Do not repot as long as they are doing nicely. And when you do, transfer gently to the larger pot and fill the soil around the roots, disturbing them as little as possible. Palms do best in comparatively small pots. Shower them with water twice a week and should they show signs of scale, wash with strong soap and water or kerosene emulsion (a pound of soap melted with a half pint of kerosene thoroughly stirred into it). Dilute this with ten parts of water and apply with a cloth or brush.

## Palms

**Phoenix Roebelenii**—A new and graceful miniature "Phoenix" fully equaling in beauty the *Cocos Weddeliana*, and having the advantage of being as hardy as the Kentia. Of vigorous bushy growth, with dark green recurving foliage. An admirable house plant. Price, choice plants from 4-inch pots, 60c to \$1.00.

**Cocos Weddeliana**—The most graceful of all Palms; finely cut foliage of rich deep green; we have fine plants of this most desirable Palm, well established in 4-inch pots, 5 to 7 leaves. Each, \$1.00. Nice specimen plants, \$2.50 up.

**Kentia Belmoreana**—A beautiful, handsome looking, strong growing Palm with deep green, crisp foliage; inclined to dwarf and spreading habit; one of the most popular for house culture, as they are very hardy. Small plants 50c to 75c. Large plants, 18 inches up, \$1.50 to \$5.00 and up.

**Livistona Rotundifolia**—A miniature fan-leaved Palm, having almost a globular form in well grown specimens. Beautiful for table; thrive well in the house. Price, from 4-inch pots, 75c.

**Thrinax Radiata**—An attractive graceful species with palmate leaves narrowly divided. Price, from 4-inch pots, 75c.

## Japanese Palms

**Livistonia Chinensis** (See cut No. 4)—The most popular Palm for decorative work, for apartments, or conservatories; leaves large, fan shaped, of a rich dark green color; handsome, graceful and quick growers, 12 to 18 inches. Each, 75c to \$1.00.

**Cycas Revoluta, Sago Palm** (See cut No. 1)—These are magnificent plants, of noble and majestic habit, and most impressive; very valuable for both lawn and house decorations; they have a thick trunk, and their heavy, glossy, deep green pinnate leaves resist alike the gas, dust and cold to which decorative plants are frequently exposed; fine plants, large trunks, with well branched leaves at the top, 18 inches and up.

Each, \$3.00 to \$5.00 and up.

**Chamaerops Excelsa** (See cut No. 3)—Leaves fan shaped, deeply cut; one of the hardest Palms we have and worthy of extensive culture; very ornamental, a symmetrical grower and has very handsome palmate leaves.

Choice plants, 18 inches and up, each \$1.50 to \$3.00.

**Chamaerops Fortunei** (See cut No. 2)—A handsome Palm, similar to the above, more dwarf in growth and with smaller leaves; we import the Chamaerops, Livistonia and Cycas Palms from Japan.

Choice plants, 18 inches up, each \$1.50 to \$3.00.

**Rhipis Humilis**—Rare ornamental Palm with slender, graceful leaves; very handsome and attractive; an excellent decorative variety, requiring very little sun.

Each, \$2.50 to \$5.00.

## DRACÆNAS

**D. Godseffiana**—Distinctly different from other Dracaenæs. Has free branching, graceful, compact habit; foliage of strong leathery texture; color, fine dark green, mottled creamy white; a splendid plant for fern dishes. From 3-inch pots, 50c.

**D. Indivisa**—This is the popular hardy Dracaena that is used so extensively for centers of vases, baskets, boxes, etc. Of graceful form, and stands full exposure to sun. Price, 35c to \$1.50.

**D. Fragrans**—Foliage broad, color, rich dark green; makes a splendid house plant; requires no special attention. Each, 75c.

## ORNAMENTALS PLANTS—Continued

## Umbrella Plant

*Cyperus, Umbrella Plant (Alternifolia)*—A splendid house plant of easy culture; resembles a palm; requires little or no attention, and remains green throughout the year. Keep well watered.

Small plants, postpaid, each 15c to 25c.  
Large plants, by express, each 35c to \$1.00.

## REX BEGONIAS

*Rex Begonias*—Truly the king of foliage plants; leaves large, variegated and margined with a peculiar silvery metallic gloss; fine for baskets, boxes or windows; we offer 20 of the finest sorts.

Choice plants, mailing size, each 25c, postpaid.

## CYCLAMEN

*Cyclamen*—Fine healthy specimens; red, white, pink, rose, salmon and variegated; ready to bloom; nothing is more beautiful or acceptable as a holiday gift. 4 to 6-inch pots, each 75c to \$1.50.

Must go by express, purchasers' expense.

## JAPANESE ORNAMENTALS

We import annually large assortments of Japanese Plants, Palms, Shrubs, etc., and would call attention to the splendid values offered in these interesting specimens.



*Thuja Obtusa*—(var. *Chabo-hiba*)—Famous Dwarf tree of Japan, over 100 years old, grown in pots. This unique and interesting tree is perfectly hardy, good for porch or house use; is very ornate and striking; making it invaluable for decorative effects. Fine specimens in oriental jardinieres.

\$5.00 to \$10.00 each

## Thuja Obtusa

*Aucuba Japonica*—Japan evergreen, with shining evergreen foliage and red berries. Each, 75c to \$1.00

*Aucuba J. Variegata*—Green and yellow foliage; very showy; fine for specimen plants on lawn. Large plants for immediate effect.

Each, \$2.00 to \$2.50

## Aucuba

*Bamboo*

This well known ornamental plant, with graceful and almost evergreen foliage, thrives in sheltered situations, making fine lawn clumps. We have four varieties, all hardy.

Strong clumps, 3 to 6 feet, each, 75c to \$1.50

## Berberry—Japanese

*B. Thunbergii*—From Japan. A pretty species of dwarf habit; small foliage, changing to a beautiful red in autumn; good hedge plant.

2 to 3 feet, each, 60c to 75c

## Cryptomeria

One of the finest evergreens of Japan; of both upright and drooping habit. We import a number of different varieties all of which are suitable for lawn planting. Foliage mostly needle like; end of branches soft and flexible.

1 to 2 feet, each, \$1.00 to \$2.50

## Lilac—Tree

*Syringa Japonica*—Japan tree lilac, growing to a height of 30 feet; blooms late in June, bearing large pannicles of showy white flowers carried well above the foliage; leaves large and leathery, rich dark color.

Each 75c

## Quince (Japan Flowering)

*Japonica*—Remarkable for the brilliancy of its blossoms, which vary from the richest scarlet to the most delicate blush color; the fruit is deliciously fragrant, but is not edible.

2 to 3 feet, each, 60c to 75c

*Alba*—A very beautiful variety, with delicate, white and blush flowers.

3 to 4 feet, 75c to \$1.00

## Persimmon

*Japanese*—Highly prized for its delicious fruit. We import the Japanese variety called *Hyakume*. Fruit large and oblong; color bright red; ripens early in the fall.

4 feet, each, 60c to 75c

## Aspidistra

Ornamental foliage, plant throwing up shoots which unfold, developing into long, graceful leaves; color a beautiful dark glossy green; give same treatment as hardy palm.

Specimen plants, \$2.00 to \$3.00 each.

Variegated—Rich creamy markings.

Specimen plants, \$3.00 each.

## Camellia

*Japonica*—Very beautiful, winter flowering evergreen; the handsomest, shining, dark green foliage and magnificent, wax like flowers of various colors, render them indispensable for the conservatory, and well adapted for parlor or window culture; perfectly hardy in this climate in the open ground, but should be planted in a shady place and protected the first year. We have these in three colors. Double White, Pink and Red. 1½ to 2 feet, each, \$1.00 to \$1.50

## Daphne

*Odora*—A very pretty early flowering shrub, producing pink flowers in March. 2 feet, each, \$1.00

2 feet, each, \$1.00

*Alba*—Pure white.

## Sciadopitys Verticillata

“Umbrella Pine”—The leaves are narrow, round and arranged in whorls of umbrella like tufts; is especially adapted for porch or lawn decoration. (See cut below.)

2 feet, each, \$1.50

## Japanese Ornamentals—Continued

### Maple (Japanese)

**Japanese Maples** are becoming more popular as they become better known. They are all of dwarf habit and are varied in their foliage and are all so shrub-like in growth and many of them of such rich, bright hues and deep-cut leaves that we class them by themselves. On account of these characteristics they are much used for forming permanent beds, but are very effective whether planted singly or in groups. We include only those we can especially recommend. Well branched, choice trees, 2 to 3 feet. Each, \$1.00 to \$1.50

**Atropurpureum**—Large palmate leaves; deep maroon; very showy.

**Atropurpureum Dissectum (Cut-Leaved Purple)**—Dwarf weeping, graceful form, branches crimson; leaves deeply and finely cut into shred like divisions; of a beautiful rose color when young, changing to a deep, dark purple. A choice and ornamental variety.

**Atropurpureum Dissectum Variegatum**—Like the above, except that the leaves have a white edge, making them very showy and attractive; very popular sort.

**Atropurpureum Variegatum**—Leaves large and scalloped; color bright crimson, with deep maroon variegation.

**Sanguineum Seigen**—Regular palmate leaves, coloring in the middle spring to a blood red; very handsome.

**Scopulendifolium Rubrum**—Dark red; finely cut; narrow ribbon leaves.

### Magnolia

**Magnolia Salicifolia**—New species called fragrant Magnolia; pure white flowers. It emits a sweet aromatic scent, not only from the flowers, but stem and leaves; very hardy; should be in every collection. Each \$1.50 to \$2.00

**Conspicua**—A Chinese species of great beauty. The tree is of medium size, shrub like in growth while young, but attains the size of a tree in time. The flowers are large, pure white, very numerous and appear before the leaves. 2 feet, each, \$1.00; 3 feet, each, \$1.50 to \$2.00

**Soulangeana**—In habit it closely resembles M. Conspicua; flowers white and purple, cup-shaped and three to five inches in diameter; foliage large, glossy and massive; it forms a handsome tree; blooms later than Conspicua. 2 feet, each \$1.00; 3 to 4 feet, each \$1.50 to \$2.00.

**Magnolia Obovata**—Exterior petals purple, veined with deeper color, white center. Grandiflora. See page — Each, \$1.00 to \$1.50.



New Tree Japan Hydrangea

### Hydrangea

#### New—Tree Hydrangea

We offer this new tree form for the first time; our direct importation. A most interesting and valuable novelty. strong plants. Each \$1.00

**Hortensis Blue**—Very fine Japanese variety for potting and porch decoration; large flowers, rosy blue to light blue, according to the soil. Strong clumps, each 75c

H. Hortensis, pink, fine truss, pure pink, each 75c

### Prunus

We import these direct from Japan. They are hardy, rapid growers, and produce early in the spring a profusion of handsome flowers of great beauty and fragrance.

**Prunus Mume**—The Flowering Plum. Double White or Double Red, 3 feet up, each, 75c to \$1.

**Prunus Cerasus**—Handsome Flowering Japanese Cherry. White, pink or red, 3 feet up, each 75c to \$1.00

**Prunus Pissardi**—Flowering Plum. Wood and leaves dark purple. 3 feet up, each, 75c to \$1.00

## Japanese Tubs—Porch Boxes—Hanging Baskets

Made up to order in any color scheme or special design

### Pruning Tools, Labels, Stakes, Etc.

#### PRUNING SHEARS

We have a fine assortment, ranging in prices from 50c to \$1.25 each, postpaid.

#### LONG-HANDLE TREE PRUNERS

Six feet, 75c; 8 feet, \$1.00; 10 feet, \$1.10; 12 feet, \$1.25. Cannot go by mail. Purchaser will have to pay freight or express charges.

#### BRANCH SHEARS

Twenty-six-inch handle, \$1; 41-inch handle, \$1.25.

#### PRUNING SAWS

Crescent—12-inch blade, 65c; 14-inch, 75c.

Straight Blades—16-inch, 60c; 18-inch, 65c; 20-inch, 70c.

#### GRAFTING WAX

Price, 1/4 lb., 10c; 1/2 lb., 20c; 1 lb., 35c; postage, 20c per lb. extra.

#### RAFFIA

For tying plants and buds. Pound, 25c; by mail, 50c.

#### FLORISTS' MOSS

Clean and bright, in bales; \$8.00 per 100.

#### BUDDING KNIVES

Best grade, from 25c to \$1.00 each, postpaid.

#### GRAFTING KNIVES

Wood handle, stationary blade, 25c to 35c each.

#### PRUNING KNIVES

Best grade, from 50c to \$1.50 each, postpaid.

#### WOODEN LABELS

**Tree Labels**—Painted, wired, per 100, 15c; per M, \$1.00; unpainted, per M, 85c; painted, copper wired, per 100, 20c; per M, \$1.10.

**Pot Labels**—4-inch, painted, per 100, 15c; per M, 80c; 5-inch, per 100, 20c; per M, \$1.05; 6-inch, per 100, 25c; per M, \$1.40; 8-inch, per 100, 30c; per M, \$1.75.

#### PLANT STAKES

**Round Cedar**—Painted green, white tops, 3-foot, 85c dozen; 3 1/2-foot, 90c; 4-foot, \$1.00; 5-foot, \$1.50; 6-foot, \$2.25.

**Bamboo**—4-foot, doz., 25c; 5-foot, 35c; 6-ft., 40c.

**FLORISTS AND COMMERCIAL GROWERS:** We carry the largest line of Florists' Supplies in the Northwest. Prompt deliveries at right prices. A trial order will convince. Send for trade list.

# "Diamond Quality" ROSES

WE offer only the best of the standard varieties and the newer sorts that have been tested in field trials. You will find them true to name and as represented. We number among our customers the most successful rosarians in the Northwest, and if you entrust your rose order to us you can feel assured that there will be careful selection and no substitution. If you do not find what you want in this catalog, write us. We can supply many varieties not listed.

## Shipping

We always send all our two-year-old rose bushes charges collect by express or freight, packing them so they will ship safely, even though they should be on the road for two weeks or more.

If necessary, we can send small two-year-old bushes by mail at an additional cost of 7c each to cover postage, but in such cases we always prune the tops and roots ready for planting.

## PLANTING AND CARE

In our favored section Roses attain a perfection thrice and bloom unless you care for them. We

seldom equalled, but you cannot expect them to offer the following simple suggestions.

When planting cut back freely, and the bush will recover quickly.

Fertilizer—Our odorless commercial fertilizer, Bone Meal, Tankage or Blood will give excellent results, and should always be applied after the plant starts its growth.

Finally—Keep the surface well worked around the roots. This is as necessary as water or fertilizer.

## Beautiful Roses of Recent Introduction

Twelve magnificent new roses imported direct from famous Irish and Continental growers.

SPECIAL—One each of these 12 grand new roses, \$10.00 prepaid.

### RAYON D'OR

The finest, deepest colored, and only pure yellow, everblooming Rose.

**RAYON D'OR**—Pern. Flowers are large, full, open freely, keep well and are borne in greatest profusion. Buds long pointed of deep orange cadmium smeared claret, opening to a rich sunflower yellow which does not fade. Foliage is deep glossy green, strong growing, free branching and absolutely free from the attack of mildew. This splendid new Rose, a cross between Melanie Soupert and Soleil D'Or is producing a greater sensation than was caused by Lyon, both these wonderful varieties originating from the same source. Stock of Rayon D'Or will be scarce for some time to come and we urge that you place your orders at once.

Price, each, \$2.00

**LADY ALICE STANLEY**—This grand new gold medal rose is large, very full and of splendid substance; petals shell shaped, pointed, giving perfect form to the flowers, which are a lovely deep coral, inside pale flesh, deliciously fragrant and are very lasting. A free grower and a profuse and constant bloomer.

Each, \$1.00

**MRS. HAROLD BROCKLEBANK**—H. T. Creamy white, center buff, base of petals yellow, outer petals tinted salmon rose; large, full, free and perpetual.

Each, 75c

**LADY HILLINGDON**—T. Deep apricot yellow, long and pointed bud, a fine forcing or garden Rose, excellent for cutting. Flowers are of good substance, very lasting and foliage handsome and luxuriant. Lady Hillingdon is considered the best decorative rose in its class. This aristocratic beauty is a seedling from Papa Gontier and Madame Hoste.

Price, \$1.25

**JONKEE J. L. MOCK**—A magnificent and unique Rose. Inside of petals red, outside silvery blush white. Of fine form, good substance and largest size. A strong, rapid grower. This rose has been awarded eight prizes at the recent European shows.

Price, \$1.00

**ALBATROSS**—H. T. Ivory white, faintly tinted blush, large, full and free, vigorous and erect. One of the best white roses ever offered. Splendid for garden or exhibition.

Price, 75c

**COMMANDER JULES GRAVERAUX**—H. T. Fiery crimson, lightly shaded velvety maroon, purple in the center, a seedling of "Druschki," which it is said to greatly resemble in habit, growth and foliage. Buds are long and spiral. Come singly, and upright on the stems; vigorous, erect and free blooming.

Each, 75c

**MRS. LONGWORTH**—H. T. A very prettily striped sport from "Caroline Testout" with very narrow stripes and splashes of pale flesh.

Each, 75c

Complete practical information on Rose Culture is given in our book, "How to Grow Roses." Sent free to those interested.

## TWELVE NEW ROSES—Continued

**MRS. E. G. HILL**—H. T. Outside of petals coral red, inside alabaster white. Very large, full and opening freely; bud long and pointed. A grand decorative and exhibition rose. **Each, 75c**

**LENA**—T. Rich apricot, edges of petals turning deep primrose as the flower ages; a very beautiful and free garden rose commanding attention wherever shown. **Each, 75c**

**LE PROGRESS**—H. T. Nankeen yellow, opening to saffron yellow; large, full and cupped, opening freely; a grand rose always in flower. **Each, 75c**

**HIS MAJESTY**—Dark crimson shaded deep vermillion crimson towards the edges. Large, full and very free; deep broad petals, with high pointed center; one of the sweetest perfumed roses. A vigorous grower carrying its flowers upright. **Each, 75c**

## 3 New Single Irish Roses

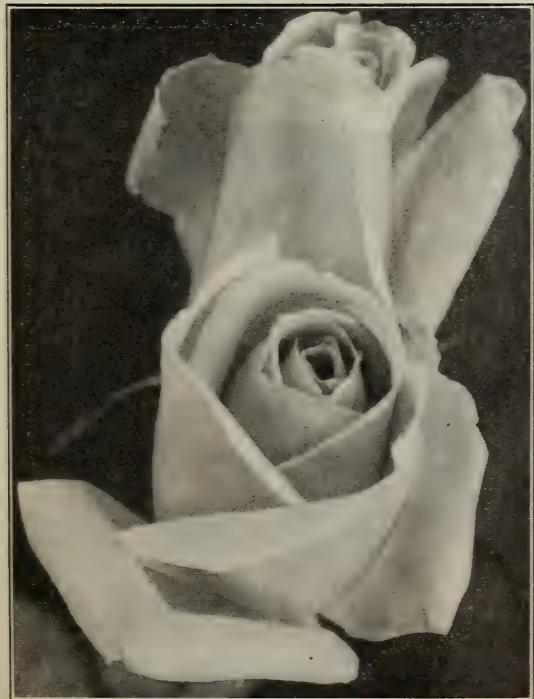
**EVERYONE** should have these finest new single roses, which cannot be excelled for garden decoration or cutting. They are now in great demand and the varieties offered are the best.

**SPECIAL**—One each of three varieties, \$1.50

**IRISH SIMPLICITY**—Almost single, pure white and of immense size. The great size and substance of the petals which are slightly cupped and the golden yellow anthers may readily bring to mind the comparison to a huge water lily. Vigorous grower with handsome deep green foliage. **Price, 75c**

**IRISH ELEGANCE**—Large single golden bronze flowers of great beauty, free and constant bloomer, with deep bronze foliage, making a most handsome and unique combination that for garden decoration cannot be excelled. Awarded gold medal N. R. S. **Each, 50c**

**IRISH HARMONY**—Single, saffron yellow, heavily crayoned claret in bud, when expanded changes to creamy white; large, lasting, floriferous; a vigorous grower, and good companion for Irish Elegance. **Each, 50c**



## 14 Rare and Beautiful Roses

Price, except where noted: Large, 2-year-old plants, 60c each. The entire collection, 14 distinct varieties, only \$8.00.

**WHITE KILLARNEY**—The finest ever-blooming white Rose for cut flowers. The long pointed buds are of ideal form, petals purest white and heavy waxlike texture, remaining a long time in bud. Flowers are full and beautiful when open and are very lasting. White Killarney is the freest blooming of the white Roses and is a thrifty, vigorous grower, not subject to disease or mildew. Choice two-year-old plants, **Each, 75c**

**DOROTHY PAGE ROBERTS**—H. T. Coppery pink, suffused with apricot yellow, very free and perpetual, a delightful garden Rose.

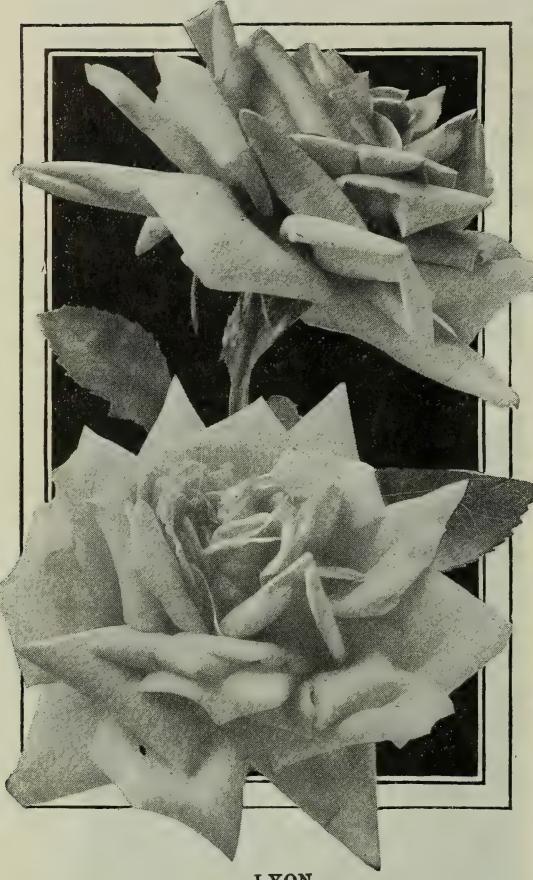
**ELIZABETH BARNES**—H. T. Satiny salmon Rose with fawn center, suffused yellow, outside of petals rosy red, tinted copper and yellow; flowers large, full and freely produced.

**HARRY KIRK**—H. T. Deep sulphur yellow, paler towards edges of petals, long pointed bud, moderately full; a fine garden Rose.

**MAD. SEGOND WEBBER**—H. T. Pure, rosy salmon, vivid center, large, full and perfectly formed flower, flowering freely and continuously on stiff erect stems.

**Mrs. DAVID JARDINE**—H. T. Delightful shade of bright rosy pink, shading in outer petals to salmon pink, large, perfect form, very highly perfumed; a grand Rose.

## 14 RARE AND BEAUTIFUL ROSES—Continued



LYON

**MOLLY SHARMAN CRAWFORD**—T. Delicate eau-de-nil white, opening to dazzling white; large, full, free and constant.

Price each, 75c

**DUCHESS OF PORTLAND** (H. T.)—One of the best Dickson introductions; a lovely pale yellow with thick leathery petals, full and perfect form; hardy, robust rose blooming earlier and more freely than "Kaiserin"; long stems; lovely in bud or flower, and a good keeper. Gold medal N. R. S.

Price, 60c

**MRS. AARON WARD** (H. T.)—Color a shade of Indian yellow washed with salmon rose; large size, cup-shaped, very full and very floriferous. Long beautiful buds, petals reflexed. Fine bronze foliage, very hardy and vigorous.

**MRS. ARTHUR ROBERT WADDELL**—Fine, robust growing variety of great merit. Buds rosy scarlet, opening into large, reddish, salmon-colored flower. Very rich and striking color.

**MARQUISE DE SINETY** (H. T.)—Golden orange shading to fiery red, large double flowers, of good form, very beautiful and attractive. A splendid garden rose for summer blooming; vigorous and hardy. One of the grandest of the new roses.

**RHEA REID** (H. P.)—A new American rose which can best be described as being as red as a "Richmond," as large as an "American Beauty," with the fragrance of "La France," and blooms continuously, flowers being borne on long stems; very hardy and vigorous. Gold medal Paris, 1908.

**CHATEAU DE CLOS VOUGEOT** (H. T.)—Deep velvety scarlet, shaded fiery red; darkens as it fully expands; vigorous, handsome foliage; a splendid rose, one of the best colored of the darker reds.

**LYON** (Pernetiana)—The Lyon is a beautiful shrimp pink with salmon and chrome yellow shadings. Large coral red buds beautifully formed; full globular flowers of rare beauty; a continuous and free bloomer. Lyon is the "perfect rose," only one scoring 100 points. Gold medal and special certificate awards.

Price, 75c

## 15 Superb Garden Roses

An incomparable collection suitable for garden or exhibition.

**NOTE.**—Special reduced price—Large field grown, two-year-old plants, each, 50c; dozen, \$5.00. An extraordinary value.

**DEAN HOLE**—Beautiful silvery carmine, shaded bright golden pink; grand flowers of great substance, perfect in form; vigorous, free branching habit; continuous bloomer; one of the best exhibition roses. Gold medal N. R. S.

**FLORENCE PEMBERTON** (H. T.)—Creamy white, suffused pink. Flowers very large and full of perfect form and wonderful substance. Without doubt one of the finest roses it has yet been our pleasure to offer. Each, 50c

**GENERAL MCARTHUR** (H. T.)—Dazzling crimson scarlet, a grand American rose of ideal form, delicious perfume and magnificent foliage. Blooms continuously in great profusion, the grandest red rose for garden or cutting. Each, 50c

**HUGH DICKSON** (H. T.)—Glowing crimson, shaded scarlet; large, full, perfectly formed, delightful perfume, strong grower, perpetual bloomer (should be cut back freely.) After careful comparative tests, we believe Hugh Dickson is the best hardy red garden rose to date. See cut on cover.

**HON. INA BINGHAM** (H. T.)—Beautiful shade of bright pink, distinct in form and color, of good substance, highly perfumed; a hardy robust garden rose. Each, 50c

**FREIHERR VON MARSCHALL**—From what we have observed of this variety during the past two years we have had it on trial, it will fill a long felt want. Color dark carmine with long pointed buds, the open bloom of large globular form and great substance.

**APHISCIDE**  
is the Best  
Summer  
Spray  
for Roses



## 15 SUPERB GARDEN ROSES—Continued

**FRIEDRICHSRUH** (T.)—Blood-red, large, full, of perfect form, and flowers continuously; excellent habit of growth. Awarded gold medal at Dusseldorf. A valuable addition to the tea section.

**JOSEPH HILL**—H. T. A rare combination of clear salmon, bright pink and pure gold, large beautifully formed, a distinct rose. Growth very vigorous, flowers borne erect on heavy stiff canes; foliage dark and lustrous.

**MY MARYLAND** (H. T.)—Beautiful bright pink, with paler edges; delightfully fragrant; robust grower and very free flowering; flowers full and good keeper. This is the most popular rose novelty of the day, and best pink of its color; specially fine for florists, as well as being one of the grandest garden roses.

**WM. SHEAN** (H. T.)—Pure bright pink, veined with ochre, large perfect form, pointed bud, of fine substance and a grand exhibition rose. Gold medal N. R. S.

**MADAME LEON PAIN**—Robust growth; handsome plum-colored foliage; flowers large, full and free in opening; silvery-salmon, center orange-yellow, reverse bright red and yellow.

**MADAME MELAINE SOUPERT** (H. T.)—Splendid new orange yellow shaded pink; beautiful long-pointed buds, large size, free blooming; a strong, upright grower; best of its color.

**LADY ASHTOWN** (H. T.)—One of the finest pinks, of a rich, deep, silvery tone; flowers large, perfect form; free blooming; vigorous; Lady Ashtown is one of the finest roses grown.

**LADY ROBERTS** (T.)—Rich apricot, base of petals coppery red, edges of petals shaded orange, bud long and pointed very beautiful. Gold medal N. R. S. Be sure to order Lady Roberts.

**PRESIDENT W. R. SMITH** (Maidensblush)—a superb new rose of American origin, producing elegantly shaped buds and open flowers of much beauty. Of an exquisite silvery pink color and sweetly perfumed.



MY MARYLAND

## 12 Grand Garden Roses

Large two-year-old field grown plants, each, 40c; dozen, \$4.00.

These splendid free blooming Roses are newer varieties that are becoming more plentiful and can be offered at a very low price. In this list you will find many famous prize winners and some of the most beautiful and popular roses.

**BETTY**—A very popular new rose of rare new shades of ruddy gold, suffused with golden yellow; blooms of enormous size; delicious perfume; large petals of good substance; foliage massive and beautiful; a true everblooming hardy rose.

**COUNTESS OF GOSFORD** (H. T.)—Clear salmon pink, base of petals shading to saffron yellow, very vigorous; perpetual bloomer; a grand bedding variety.

**FRANZ DEEGAN** (H. T.)—A splendid garden rose of unusual beauty and form; strong, healthy grower. The buds are long and pointed. The open flower is broad and full, rarely showing the center. Color, yellow; bright and pleasing.

**J. B. CLARK** (H. T.)—One of the finest of the new roses. Its glorious flowers are intense scarlet, shaded blackish crimson, of giant size, finely formed and fragrant; growth vigorous and upright.

**KILLARNEY** (H. T.)—Color, an exquisite shade of deep shell-pink lightened with silvery-pink. Buds are exceptionally long and beautifully formed; delicate tea-rose fragrance.

**MRS. EDWARD MAWLEY** (T.)—Beautiful silvery pink, with creamy yellow suffusion at base of petals; a magnificent rose of finest form, extra long pointed buds; petals of great substance, beautifully reflexed; buds solid, flowers full; free-blooming, vigorous grower, and good keeper; a gold medal rose of distinctive form and great value. (See cut.)

**LA DETROIT**—A beautiful shell-pink shading in the center to a soft rose-pink. Reverse of outer petals creamy-flesh tint, strong, healthy grower; prolific bloomer; delightful tea fragrance.

**SOUV. DE CATHERINE GUILLOT** (T.)—Orange red, tinted coppery carmine on deep gold; a rare color; buds of perfect form, large, full, fragrant; a vigorous, free bloomer; fine exhibition sort.

**MADAME PHILIPPE RIVOIRE**—H. T. Beautiful apricot yellow and Nankeen yellow center, reverse of petals carmine; large, full and globular, a splendid free blooming Rose.

**SOLEIL D'OR** (Pern.)—(Golden Sun)—The first of a new type and from which the wonderful Lyon Rose was developed. A perpetual bloomer, robust grower, brownish wood, foliage beautiful, bright green and scented. Flowers very double, most beautiful when full blown, a superb color, varying from gold and orange yellow to reddish gold and shaded with nasturtium red. Delightfully fragrant.

**PRINCE DE BULGARIE** (H. T.)—A deep rosy-flesh, salmon center; large, full, free-blooming, vigorous rose, easily maintains its great popularity, and is the best of its color.

**RICHMOND** (H. T.)—The most vivid of everblooming red roses; buds and flowers of the most perfect and desirable form. The best of its color.

# Favorite Hardy Garden Roses

## Two Year old Field Grown Plants

Prices, each, 35c; \$3.00 per dozen, unless otherwise marked.

- ANNA DE DIESBACH**—Beautiful, clear, carmine pink; very large, full and delightfully fragrant.
- ANNA OLIVIER (T.)**—A splendid ever bloomer. Very beautiful in bud; flesh color shading to blush. Large and fragrant.
- AMERICAN BEAUTY**—One of the largest, sweetest and best. Color, rich, rosy crimson, shaded and veined in the most charming manner.
- BABY RAMBLER**—A Dwarf Crimson Rambler not over 18 inches high, producing large trusses of light crimson flowers; clean dark green foliage; it will flower the year around.
- BESSIE BROWN**—Color, pure white, sometimes faintly flushed pink.
- BELLE SIEBRECHT**—A true, solid pink of the richest shade, a rare color. The flowers are sweetly perfumed and large, beautifully formed, of long, tapering shape, with high center.
- BARONESS ROTHSCHILD (H. P.)**—Flowers of immense size; color bright, rosy pink.
- BRIDESMAID**—A fine, clear, dark pink color.
- CAPTAIN CHRISTY**—Color is lovely pale peach, deepening at center to rosy crimson.
- CONRAD F. MEYER (Rugosa)**—Beautiful silvery pink, of grand form and delicious fragrance, hardy in any climate, and the great beauty of its handsome foliage makes it most valuable for a flowering hedge.
- CECILE BRUNNER**—Bright rose, yellowish in center; very sweet; dwarf polyanthus.
- DUCHESS DE BRABANT**—Color, a soft, rosy flesh, changing to deep rose, shaded amber and salmon; delightful tea scent.
- DUCHESS OF ALBANY**—Similar to La France, but more vigorous in growth and much deeper in color. The color is a bright rosy pink, exquisitely shaded. One of the best roses for general planting.
- ETOILE DE FRANCE**—This new crimson rose is of vigorous, healthy growth; color rich, glowing crimson, shaded with vermillion.
- ETOILLE DE LYON (T.)**—Blooms freely, and every flower is a gem, equaling the Marechal Neil in size. Very sweet scented; color, rich golden yellow.
- FRAU KARL DRUSCHKI (H. T.)**—The White American Beauty. Makes splendid buds and immense flowers; perfectly double and delightfully fragrant; large, thick petals; bright shining green leaves, elegantly veined; a healthy, vigorous grower, and a constant and abundant bloomer.
- GENERAL JACQUEMINOT**—Bright, shining crimson; very rich and velvety.
- GLOIRE LYONNAISE**—Color, chamois yellow, deepest at the center, passing to creamy white.
- VIRGINIA B. COXE or GRUS AN TEPLITZ**—Color, fiery crimson, with a dark velvety sheen, very fragrant. The freest blooming rose in existence.
- KAISERIN AUG. VICTORIA**—A beautiful rose with elegant, large pointed buds; delicate creamy white; deliciously fragrant; constant bloomer.
- LA FRANCE**—Both flowers and buds are of grand size; color, a silvery rose changing to pink.
- LIBERTY (H. T.)**—Color, rich, fiery ruby, shaded deep crimson; fragrance exquisite.
- LADY BATTERSEA (H.T.)**—This variety has long oval buds, sharply pointed, very striking in form. The color is a bright, cherry crimson; an unusually showy variety. Each, 40c
- MABEL MORRISON (H. P.)**—Of the purest white; velvety in its appearance; petals thick and shell-shaped; very double and rounded.
- MADAME CAROLINE TESTOUT**—A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. The official Portland "Carnival Rose."
- MADAME ABEL CHATENAY**—A free bloomer, beautiful rosy carmine, with darker shadings.
- MADAME FRANCISCA KRUGER**—Beautiful coppery yellow, deeply shaded.
- MADAME JULES GROLET**—A rampant grower, with very large full flowers of a magnificent satin rose color extra fine.
- MAMAN COCHET**—This is one of the most beautiful new Tea roses we list. The color is a deep rosy pink, inner side of petals silvery rose.
- MARGARET DICKSON**—Magnificent form; white, with pale flesh center; petals very large.
- MRS. JOHN LAING**—Very free flowering; color, a soft delicate pink, with satiny tinge.
- MRS. R. G. SHARMAN CRAWFORD (H. P.)**—Lovely deep rose pink, outer petals shaded pale flesh, base white, a new and unique shade. Large perfect flowers, free blooming; a grand autumn rose.
- MILDRED GRANT (H. P.)**—Delicate pale pink, shading to silvery white in center; grand giant variety of rare beauty; perfectly formed, pointed buds; full flowers of fine substance; a hardy, strong grower.
- MARIE VAN HOUTTE**—Of a fine, faultless straw-yellow color; washed and outlined rosy carmine.
- PERLE DES JARDINS**—A clear golden yellow, an indescribably rich and beautiful shade.
- PERLE D'OR (Poly.)**—Nankeen yellow with orange center; a dainty and beautiful Rose of the Baby Rambler type.
- PAPA GONTIER**—Large and semi-double; a vivid cherry red color, shaded yellow, reverse of petals crimson.
- PAUL NEYRON**—Deep, shining rose, double and handsomely formed; blooms freely, the largest variety in existence.
- PRINCE CAMILLE DE ROHAN**—Very dark, rich velvety crimson, passing to intense maroon.
- RAINBOW**—Buds and flowers of large size, color a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson.
- SAFRANO**—Bright apricot yellow, tinged orange.
- SOUV. DE PIERRE NOTTING**—The bloom is large, perfectly full, of elegant form; has a beautiful long bud; color, orange yellow, bordered in carmine-rose; vigorous, beautiful dark foliage.
- SOUV. DE PRESIDENT CARNOT**—This is a rose of extraordinary beauty, is elegantly formed, very large, full and deep and deliciously sweet. The color a lovely shell-pink, delicately tinted with golden fawn on rich creamy white.
- THE BRIDE**—One of the finest white roses. The buds are very large and of exquisite form.
- ULRICH BRUNNER**—Extra large, bold flowers, full and globular; color rich, glowing crimson.
- VISCOUNTESS FOLKSTONE**—Flowers borne on strong stems, with thick foliage; color, delicately tinted flesh, almost white.
- WHITE LA FRANCE**—A pure white La France, having just a breath of rose-tinted blush.
- WHITE MAMAN COCHET**—White, grand substance, immense size, exquisitely fragrant, and a free bloomer; buds long and pointed.
- WINNIE DAVIS (H. T.)**—One of the most beautiful of our light pink roses; lovely bright clear color; splendid form; a grand, hardy garden sort.

Oakville, Wash., March 22, 1911.

Gentlemen: My collection of bush roses I got from you two years ago are fine. My neighbors are talking of sending for a rose collection. They are certainly a fine lot of flowers.

# CLIMBING ROSES

## Choice Climbing Roses

Price, 1 year, 15c; 4 sorts 50c; 2 years, 35c each.

**AARDS PILLAR** (H. T.)—Rich velvety crimson; fine large full flower, cupped form; a hardy, free-blooming, free-growing garden rose, of finest quality. Each, 40c.

**CHROMATELLA (CLOTH OF GOLD)** (C. T.)—A clear, golden yellow, large, very full and double.

**CLIMBING BELLE SIEBRECHT** (C. H. T.)—Flowers identical with bush type; vigorous climber; hardy. Each, 50c

**CLIMBING BRIDESMAID** (T.)—Beautiful pink; profuse bloomer.

**CLIMBING KAISERIN (MRS. ROBT. PEARY)**—Flowers fine, ivory white, of heavy texture, and large size.

**CLIMBING LA FRANCE**—Identical with the well-known La France; vigorous climber.

**CLIMBING METEOR**—Rapid grower; rich, dark, velvety crimson flowers.

**CLIMBING MADAME CAROLINE TESTOUT**—Covered during the whole season with immense globular flowers of the same beautiful shade of pink as seen in the bush sort.

**CLIMBING PERLE DES JARDINS**—Of vigorous climbing habit; flowers golden yellow, of immense size.

**CLIMBING PAPA GONTIER** (T.)—A "Native Sport" from the favorite bush Papa Gontier.

**GLOIRE DE DIJON**—Noted for the great size of its flowers, its delicate tea scent, and its shades of color, being a blending of amber, carmine and cream.

**MARECHAL NEIL**—A magnificent deep golden yellow variety; so famous as to need no description; grown the world over for its immense yellow flowers; the finest rose of its color in existence.

## Favorite Collection—Climbing Roses

Price: Postpaid, 10c each; set of 6 sorts, 50c. Two year-old plants, 35c each.

**MADAME ALFRED CARRIERE**—Extra large, full flowers, very double and sweet, and a most profuse and persistent bloomer; color, rich, creamy white, faintly tinged pale yellow and blush.

**BEAUTY OF GLAZENWOOD**—Bronzed yellow or copper and fawn color. One of our grandest climbing roses. Very hardy and a free bloomer.

**REINE MARIE HENRIETTE**—A strong, vigorous grower; flowers large, full, and of fine form; color, glowing crimson, elegantly shaded.

**CLIMBING FRAU KARL DRUSCHKI**—Grand flower, pure white, identical with the bush type. Free blooming and extremely hardy; has vigorous climbing habit.



**GLOIRE DE DIJON AND REINE MARIE HENRIETTE GROWING TOGETHER**

**GAINSBOROUGH**—Graceful flower of dainty shell pink color and satiny finish. Hardy, ever-blooming and a free climber.

**WILLIAM A. RICHARDSON**—Color, rich coppery yellow, flushed with carmine; a very beautiful variety, having few equals.

## 3 Fine Climbers

2 Year Old Plants only

**ZEPHRINE DROUHIN** (H. C.)—Flowers very large and double, of a beautiful bright rose; hardy, rapid climber; foliage luxuriant, without thorns; a free-blooming, desirable rose. Each, 35c

**CAROLINE GOODRICH (CLIMBING JACQUE-MINOT)** (C. N.)—Free flowering crimson climber. Each, 35c

**DUCHESS D'AUERSTADT**—Same type as Marechal Neil, a little deeper in color and much more hardy; a splendid yellow climber. Each, 35c.

## The Famous Rambler Roses

The Rambler Roses are strong, vigorous climbers, growing ten to twelve feet high in one season. They bear immense clusters of beautiful, fragrant flowers.

We specially recommend Flower of Fairfield and Dorothy Perkins.

Price: 1 yr., 15c each. Any four sorts, 50c. Two-year-old plants, 35c each, except where noted.

**THE BLUE ROSE**—This is the new rose *Veilchenblau* or Violet Blue that has attracted so much attention in Europe, and is the first rose of its color ever produced. *Violet Blue* is a vigorous climber of the polyanthus type, flowers medium size, semi-double, borne in large clusters; color on opening is a rosy lilac, quickly changing to a metallic blue, has splendid foliage of a rich green color that does not mildew.

Choice field grown plants now ready. Each, 50c

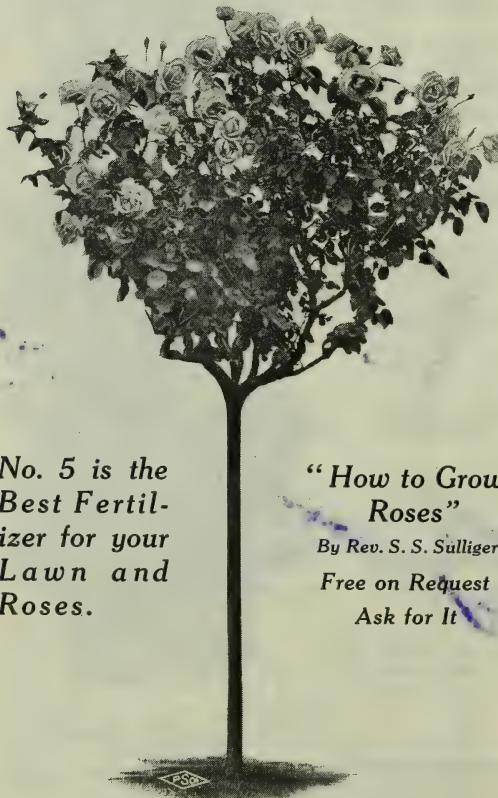
**FLOWER OF FAIRFIELD**—Everblooming crimson rambler, brilliant crimson, base of petals white, flowering in great profusion perpetually throughout the season. *Flower of Fairfield* is a true, everblooming, Crimson Rambler, a splendid grower and a great improvement over the old type; strong field grown plants. Each, 50c

**DOROTHY PERKINS**—Polyanthus type; color a beautiful bright shell pink, flowers large, very double; petals prettily crinkled; blooms in large clusters of 30 to 40; remain in perfect condition.

**PHILADELPHIA RAMBLER**—An improved type of the old favorite Crimson Rambler; color, deeper, more brilliant and lasting; flowers perfectly double, borne in great profusion, much earlier than the old type; vigorous, luxuriant foliage, not susceptible to mildew.

**WHITE RAMBLER**—Flowers pure white, sometimes faintly tinged blush, flowers borne in immense clusters; very vigorous.

**YELLOW RAMBLER**—Same type and growth as Crimson Rambler, except for color, which is a pure, bright yellow.



No. 5 is the  
Best Fertil-  
izer for your  
Lawn and  
Roses.

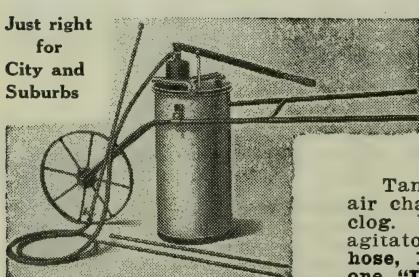
### "How to Grow Roses"

By Rev. S. S. Sulliger

Free on Request

Ask for It

Just right  
for  
City and  
Suburbs



## "Ideal" Spraying Outfit

The "IDEAL" has been designed for small growers, city and suburban homes, and for all purposes where nothing as large as a barrel or power outfit is needed.

### IS LIGHT, COMPACT, EASY TO OPERATE.

Tank holds 15 gallons; will not slop or spill. Pump has large air chamber. Bronze ball valves; valves are removable, cannot clog. Well made; gives a pressure of 150 pounds; has mechanical agitator and strainer for suction. Outfit complete, 10 feet  $\frac{3}{4}$ -inch hose, 10-foot extension in three pieces, one T-handle shut-off, one "Ideal" nozzle; shipping weight, crated, 60 pounds. Price, \$20.00.

## Standard, or Tree Roses

Price of all Tree or Standard Roses, \$1.50 to \$2.00 each, according to size of head. Tree roses are budded or grafted on hardy rose stocks about four feet high. They soon make good sized heads forming a small tree, especially desirable for planting as single specimens, in backgrounds or rows along walks or driveways.

Order any color or variety you wish and we will send it or give you as good a substitute as possible.

We aim to have the following varieties in stock:

La France	Hugh Dickson
K. A. Victoria	Conrad F. Meyer
Mad. Caroline Testout	Countess of Gasford
Ulrich Brunner	Dorothy Perkins
Grus an Teplitz	Glorie de Dijon
F. K. Druschki	Gen. McArthur
Baby Rambler Rich- mond	Marechal Neil
Baroness Rothschild	Mad. Abel Chatenay
Gen. Jack	Mad. Gabriel Luiot
	Wm. Allen Richardson

## Moss Roses

These old-fashioned Roses are coming into favor and we offer the following as best of their colors. Price, each, 35c; dozen, \$3.00.

**BLANCHE MOREAU**—Flowers pure white, large, sweetly perfumed; borne in clusters. Best white moss rose.

**CHAPEAU DE NAPOLEON**—Splendid rich red, best of its color.

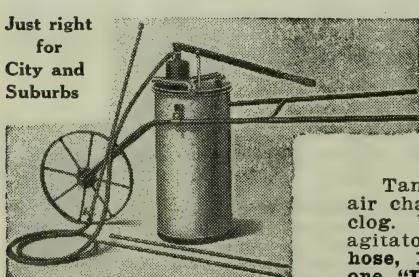
**CRESTED MOSS**—Bright rose, light edging, well mossed.

**SALET**—Color, beautiful satin rose; very full and of great beauty; one of the best.

## P. S. Co.'s APHISCIDE

The Best Summer Spray for  
**ROSES**

Prices, Qts., 25c; Gal. 65c. Ready for use.



## Alphabetical List of Roses

Name and Class.	Price Pg.	Name and Class.	Price Pg.	Name and Class.	Price Pg.
Aards Pillar, H. T.	\$0.40	41 Hon. Inez Bingham, H. T.	.50	38 Mrs. Harold Brocklebank, H.	.75
Albatross, H. T.	.75	36 Hugh Dickson, H. T.	.50	38 T.	.36
American Beauty, H. P.	.35	40 Irish Elegance, S.	.50	37 Mrs. David Jardine, H. T.	.60
Anna desbach, H. P.	.35	40 Irish Harmony, S.	.50	37 Mrs. Edward Mawley, T.	.40
Anna Olivier, T.	.35	40 Irish Simplicity, S.	.75	37 Mrs. John Laing, H. P.	.35
Baby Rambler, Poly.	.35	40 J. B. Clark, H. T.	.40	39 Mrs. R. G. Sharman Craw-	.40
Baroness Rothschild, H. P.	.35	40 Jonkheer, J. L. Mock, H. T.	1.00	36 Mrs. Longworth, H. T.	.75
Belle Siebrecht, H. T.	.35	40 Joseph Hill, H. T.	.50	39 Moss Roses	.35
Bessie Brown, H. T.	.35	40 Killarney, H. T.	.40	39 My Maryland, H. T.	.50
Betty, H. T.	.40	39 K. A. Victoria, H. T.	.35	40 Papa Gontier, T.	.35
Bridesmaid, T.	.35	40 Lady Alice Stanley, H. T.	1.00	36 Paul Neyron, H. P.	.35
Blue Rose, Poly.	.50	42 Lady Hillingdon, T.	1.25	36 Perle D'Or, Poly.	.35
Capt. Christy, H. P.	.35	40 Lady Ashtown, H. T.	.50	39 Prince de Bulgarie, H. T.	.40
Cecile Brunner, Poly.	.35	40 Lady Battersea, H. T.	.35	40 Prince C. de Rohan, H. P.	.35
Chat. de C. Vougeot, H. T.	.60	38 La Detroit, H. T.	.40	39 Princess Marie Mertscher-	—
Com. J. Graveraux, H. T.	.75	36 La France, H. T.	.35	40 Perle des Jardines, T.	.35
Conrad F. Meyer, Rug.	.35	40 Lady Roberts, T.	.50	39 Rayon D'Or, Pern.	2.00
Climbing Roses	.41	42 Lena, T.	.75	37 Reha Reid, H. P.	.60
Countess of Gosford, H. T.	.40	39 Le Progress, H. T.	.75	37 Richmond, H. T.	.40
Dean Hole, H. T.	.50	38 Liberty, H. T.	.35	40 Rainbow, H. T.	.35
Dorothy Page Roberts, H. T.	.60	37 Lyon, Per.	.75	38 Raymblers	—
Dorothy Perkins, Poly.	.35	42 Mme. Phil. Revoire, H. T.	.40	38 Souv. de C. Guillot, T.	.40
Duchess de Brabant, T.	.35	40 Marquise De Sinety, H. T.	.60	38 Soliel D'Or, Pern.	.40
Duchess of Portland, H. T.	.60	38 Mme. Segond Webber, H. T.	.60	37 Safrano, T.	.35
Duchess of Albany, H. T.	.35	40 Mme. Abel Chatenay.	.35	40 Souv. de P. Notting, T.	.35
Elizabeth Barnes, H. T.	.60	37 Mme. Leon Pain, H. T.	.40	39 Souv. de Pres. Carnot, H. T.	.35
Etoile de France, H. T.	.35	40 Mme. Melanine Soupert, H. T.	.50	39 Souv. de Pres. Carnot, H. T.	.35
Etoile de Lyon, T.	.35	40 Mme. C. Testout, H. T.	.35	40 The Bride, T.	.35
F. von Marshall, T.	.50	38 Mme. Franciska Kruger, T.	.35	40 Tree Roses	—
Friedrichshruh, T.	.50	39 Mam. Cochet, T.	.35	40 Ulrich Brunner, H. P.	.35
Florence Pemberton, H. T.	.50	38 Mme. Jules Grolez, T.	.35	40 Virginia R. Coxe (Grus an	.35
Franze Deegan, H. T.	.40	39 Mabel Morrison, H. P.	.35	40 Viscountess Folkstone, H. T.	.35
F. K. Druschki, H. P.	.35	40 Margaret Dickson, H. P.	.35	40 White Maman Cochet, T.	.35
Flower of Fairfield, Poly.	.50	42 Marie Van Houtte, T.	.35	40 White Killarney, H. T.	.75
Gen. McArthur, H. T.	.50	38 Mildred Grant, H. P.	.35	38 Wm. Shean, H. T.	.50
Gen. Jacqueminot, H. P.	.35	40 Molly Sharman Crawford, T.	.75	38 Winnie Davis, H. T.	.35
Gloire Lyonnaise, H. T.	.35	40 Mrs. Aaron Ward, H. T.	.60	38 White La France, H. T.	.35
Harry Kirk, H. T.	.60	37 Mrs. A. R. Waddell, H. T.	.60	40 Wm. R. Smith, T.	.50
His Majesty, H. T.	.75	37 Mrs. E. G. Hill, H. T.	.75	37	.39

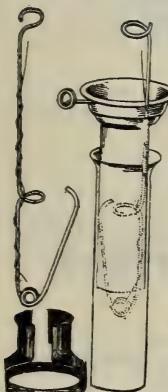
### Foster Rose Tubes

*For Rosarians and Cut Flower Exhibitors*

FOR SHOWING ROSES

The Foster Exhibition tubes with adjustable clips, enable you to transfer flowers from one position to another without disturbing their arrangement. A wire holds the flower firmly in any desired position. Tubes afford an ample supply of water close to the rose.

Used at all English shows.  
Price, each, 35c; doz., \$4.00.



### Likes Our Way

Roses received. Thank you very much. I wish to say that I appreciate your way of doing business. I purchased "Gold Dollars" of you last year. They are fine and the best early berry I have seen. You may depend on my orders in your line in the future.

Bay City, Ore.,

Dear Sirs: I wish to thank you and tell you how well pleased we were with the blackberry plants. They came in good condition and promptly.

Skagway, Alaska,

Gentlemen: The bulbs I ordered from you came in perfect condition. Many thanks for the extra plants, which I was pleased to get.

### Flower Pots



FLOWER, FERN, AZALEA POTS OR BULB PANS (ALL SAME PRICE).

Size.	Each.	Dozen.	Each.	Saucers		
				8 inch	9 inch	10 inch
2 inch	\$0.02	\$0.20		\$0.15	\$1.75	\$0.10
3 inch	.03	.30		.25	2.50	.15
4 inch	.04	.40	\$0.02½	.40		.20
5 inch	.06	.60	.04	.60		.35
6 inch	.10	.90	.05	1.50		1.00
7 inch	.12	1.20	.07½	2.25		1.25

### HANGING BASKETS.

These are well made, having scalloped edge and fancy designs on the lower outside. Better than wire baskets, as plants do not dry out so quickly.

8-inch.. Each, 30c; doz., \$3.40 10-inch.. Each, 40c; doz., \$4.00 12-inch.. Each, 60c; doz., \$7.00

NOTE—At above prices we will pack the pots carefully, but buyer must pay freight or express charges. We buy in carload lots and the wholesale trade, florists and nurserymen are requested to send for special prices, stating quantity wanted.

**PAPER FLOWER POTS FOR FLORISTS**  
Low in price, Moisture Proof, Unbreakable, Light, Convenient.

2½ inch	100.	1000.	100.	1000.
3 inch	\$0.60	\$5.50	3½ inch	\$1.00

\$9.00  
1.25 11.00

# Fruit and Ornamental Trees

## Shrubs and Plants

Deliveries can be made from October until June, but orders are accepted at any time for delivery in Season.

### PLANTING AND CARE OF STOCK

**W**e use every precaution to deliver healthy, vigorous stock, but the measure of your success will depend upon the planting and care given, as careless or ignorant handling kills thousands of fine trees and plants every season. Avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled," do not remove the burlap. Plant as received, only cut the string around the top, then loosen the burlap after the tree is set. If you cannot plant immediately on receipt, always "heel" in the trees so their roots may be in contact with good soil. An hour's exposure of roots to wind or sun may kill any tree; this is especially true of evergreens. In planting cut off the bruised or broken roots with a sharp knife.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting the trees, do not put deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. But now comes the important detail, the neglect of which is responsible for many failures—

 Be sure to pack the earth solidly around the roots. Leaving the ground loose after planting has caused tremendous losses that are generally and unjustly blamed to the nurseryman. Another cause of great loss is the wind working the newly set trees loose from the soil. This kills them. Always stake newly set trees if in a windy situation. After trees are set, make a plan of the grounds, marking the different varieties, then remove the wire labels, as they may damage the growing limb.

### KEEPING TREES OVER WINTER FOR SPRING PLANTING

This can easily be done by following the simple instructions given below:

Select a well-drained spot where the soil is mellow, and dig a trench deep enough to cover the roots well; put in one layer of trees, placing them so they will not be erect but at a decided angle; pack the dirt firmly about the roots, then place the next layer. When trees are all "heeled" in, cover the tops with boughs or bank up the earth over them. Be sure there is no grass or rubbish near to harbor mice. In mild situations where winters are not severe, do not bury or cover the tops; simply "heel in." Trees thus kept are on hand ready for planting as soon as the frost is out of the ground and will be found well preserved and are more sure to grow than later spring planting. Besides, you get better service by ordering in the early fall as stocks are more complete.

If trees are frozen in transit, do not unpack, but set away in a cool cellar and allow them to thaw gradually. Trees or roses that are dried out and shriveled should be buried, tops and all, in moist earth for a few days. This will restore them.

### SEE PLANTING TABLES INSIDE BACK COVER

## Tree and Plants Delivered in Perfect Condition

### READ THESE UNSOLICITED REPORTS

#### FINEST APPLE TREES

Gentlemen: The apple trees that I got from you last spring are the finest trees I ever saw. All my neighbors are very liberal in their praise of them also. You will sure get my future orders and also a good many of my neighbors.

#### "LAMBERTS"

Gentlemen: Again referring to ours of July 17, the cherry trees sold Mr. Grosbeck. Mr. Grosbeck was in the store again this morning and reports that he has the finest lot of fruit that a person ever got off from trees.

#### FROM IOWA

Chillicothe, Iowa, May 23, 1911.

Gentlemen: I received the last collection of roses sent me in good condition. I was well pleased with them. Any order that I can send you in the future I will be glad to do so.

#### NEW HAMPSHIRE.

Manchester, N. H.

Gentlemen: Just received your plants today in as good order as if plants had been just dug up. If I get more plants from you, send them by freight, for if you pack them as they were they will keep for weeks.

#### FROM NEW ZEALAND

Gore, Southland, N. Z., July 6, 1911.  
The apple trees I got of you for shipment to New Zealand arrived in good condition and are all growing splendidly.

#### FROM MISSOURI

Anabel, Mo., May 7, 1911.

I want to thank you for the condition of the roses you sent. They arrived in superb condition, were packed splendidly and were planted as soon as received and are making a grand growth. I never got roses before that were so healthy and thrifty and am surprised that they could be so perfectly packed to come so far by mail. Yours truly,

#### FROM TEXAS

Beaumont, Texas, February 15, 1911.

Dear Sirs: The plants arrived in splendid shape and certainly hope they will do well here.

#### FROM NEW YORK.

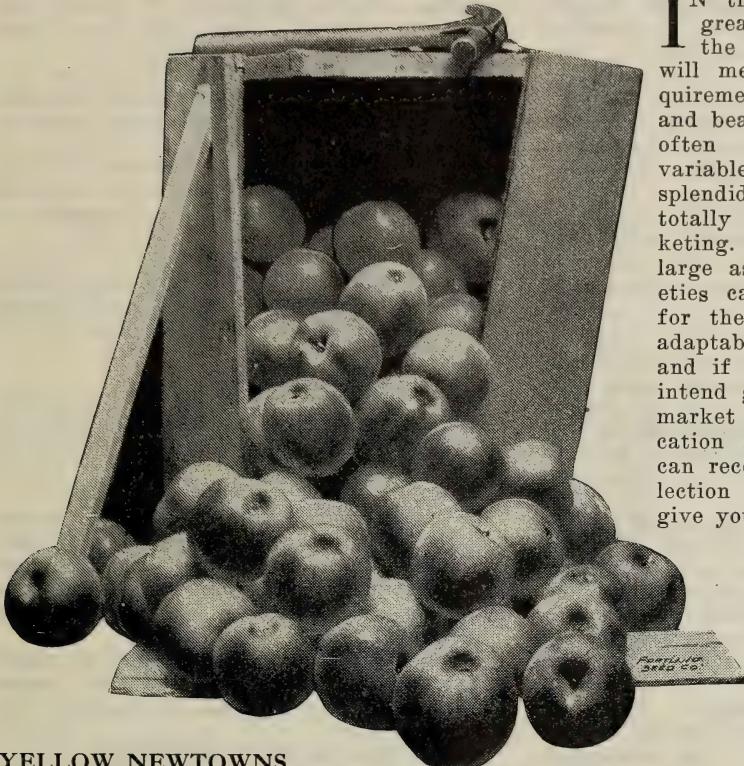
Mt. Vernon, N. Y.

Gentlemen: It gives me pleasure to state that the Loganberry and Strawberry plants shipped me arrived in good condition yesterday, and I wish to thank you for your prompt attention.



We Can Serve You As Well.

# FRUIT STOCK



YELLOW NEWTONS

## APPLES

Prices of standard commercial varieties except where noted:

First Grade, 4 to 6 feet.....

Each  
\$0.25  
.20

Per 10  
\$2.25  
1.75

Per 100  
\$20.00  
17.00

Per 1000  
\$180.00  
150.00

Second Grade, 3 to 4 feet.....

### SUMMER VARIETIES

#### EARLY HARVEST

Medium size; bright straw color; tender and fine; good for table and cooking. July.

#### GOLDEN SWEET

Large, pale yellow, tender and rich; good for cooking; fine bearer. August.

#### GRAVENSTEIN

Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous. August.

### AUTUMN VARIETIES

#### RAMBO

Medium, yellowish white, streaked yellow and red; tender, rich and sub-acid; very productive. September to November.

#### WAXEN

Fruit medium; skin pale yellow; flesh crisp, tender, juicy, sharp acid; one of the best for drying. October.

#### FALL PIPPIN

Yellowish green; good cooking apple. September.

#### MAIDEN'S BLUSH

Medium, well shaped; yellow, with a very distinct red cheek on the sunny side; flesh white; pleasant sub-acid flavor; excellent for table or cooking. September.

**I**N the purchase of fruit stocks great care should be given to the selection of varieties that will meet your conditions and requirements, as many that thrive and bear abundantly in one section often prove disappointing under variable conditions. Also many splendid sorts for home use are totally unsuited for profitable marketing. For this reason we offer a large assortment of improved varieties carefully tested and selected for their special merits and their adaptability to varying conditions, and if you will state whether you intend growing for distant or local market or for home use, giving location and general conditions, we can recommend or assist in the selection of those varieties that will give you best results.

### DWARF FRUIT TREES

make profitable "fillers" for young orchards and are best for Home Gardens. Our stock is large—varieties and quality the finest. (See page 48.)

#### RED JUNE

Medium, oblong, deep red; excellent for table use; one of the best early apples.

#### RED ASTRACHAN

Large, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive. August.

#### YELLOW TRANSPARENT

Medium size, roundish, slightly conical; skin pale yellow; flesh tender, juicy, sub-acid; good; bears at an early age. July.

#### TWENTY OUNCE

Large and showy; good, though not highly flavored; flesh coarse, brisk sub-acid. October.

#### FAMEUSE

(Snow Apple.) Medium, roundish, greenish yellow, with streaks of deep red on sunny side; flesh remarkably white; fine dessert fruit. October to December.

#### GOLDEN RUSSET

Medium, dull russet, with a tinge of red; flesh crisp, juicy and highly flavored. September.

#### GLORIA MUNDI

Large green, fine sauce apple. Last of September.

**APPLES—Continued**  
**WINTER VARIETIES**

**ARKANSAS BLACK**

Medium, round; yellow where not covered with a beautiful dark maroon, approaching black; flesh firm, fine grained, juicy; a long keeper. December to April.

**BALDWIN**

Large, rounded; deep, bright red; very productive; crisp, fine flavor; one of the best and most popular winter apples. November to February.

**BEN DAVIS**

Medium to large; yellowish, overspread with red; flesh white, tender, juicy; pleasant sub-acid; thrifty, upright grower. October to January.

**LAWVER**

(Delaware Red). Large, rounded flat, mild sub-acid, very heavy and hard; dark red; handsomest late keeper. December to May.

**ORTLEY, OR WHITE BELLEFLOWER**

White fleshed, fine grained conical fruit of superior flavor; one of the best. December to April.

**HYDE'S KING OF THE WEST**

Large to very large; handsome yellowish green; good quality; a remarkable keeper; a very popular sort in some sections. November.

**ROXBURY RUSSET**

Medium, dull green and russet; flesh greenish white, rich sub-acid flavor. October to January.

**RED CHEEK PIPPIN**

Excellent variety; sub-acid flavor; yellowish green color; red cheek; large size; good bearer. Keeps till March.

**SPITZENBERG**

Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy, delicious rich flavor. November to March.

**YELLOW BELLEFLOWER**

Large, oblong, yellow, sometimes a blush in the sun; flesh firm, crisp, juicy, sub-acid; tree a good grower and very productive; succeeds well in this valley. October to January.

**KING**

Large and handsome, striped red and yellow; tree vigorous and productive. November to December. Good mountainous apple.

**JONATHAN**

Tree vigorous, long lived and an early bearer. Fruit beautiful red and oblong; fine quality. Valuable as a pollinator with Spitzenberg and Newtown. October to January.

**MAMMOTH BLACK TWIG**

Very large; bright red, pleasant sub-acid; fine late keeper; fine, vigorous tree. November to January.

**NORTHERN SPY**

Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for "top work." Requires good soil. December.

**MCINTOSH RED**

A seedling of the Fameuse; bright red, flesh white, very tender and delicious. Long lived and very productive. Adapted to Montana. November.

**RHODE ISLAND GREENING**

Large, greenish yellow; flesh yellow, fine grained, tender, crisp, juicy and aromatic; excellent for cooking and table. October.

**ROME BEAUTY**

Large, yellow, shaded with bright red; juicy and sub-acid; fine market sort; good bearer. November to February.

**WEALTHY**

Medium, whiteish yellow, shaded with deep red; flesh white, tender and juicy. October.

**WINESAP**

Medium yellow ground, streaked with red; flesh yellow, with rich, high flavor; excellent for table and making cider. December to April.

**WOLF RIVER**

Large and handsome; greenish yellow shaded with dark and light red; tree a strong grower and good bearer. September to November.

**WAGENER**

Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid; excellent filler; requires thinning. October to December.

**STARK**

Large, greenish yellow, shaded and splashed with dark red; flesh yellowish, juicy, mild sub-acid; a long keeper and profitable market fruit; thrives in California. December to March.

**TOLMAN'S SWEET**

Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; best to preserve; vigorous, productive. November to April.

**YELLOW NEWTOWN PIPPIN**

Large; skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties for export. December to May.

**GRIMES GOLDEN**

Very popular. Rich golden yellow; flesh tender, juicy and rich. Tree hardy and vigorous, bearing young. November to December.

**DELICIOUS**

A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use and especially adapted to Eastern Oregon and Washington. Keeps till April.

**STAYMAN WINESAP**

A seedling of the Winesap. Yellow striped with red. Flesh firm, crisp, juicy and very tender and rich, sub-acid. A drought resister; a profitable market variety. January, May.

**LADY APPLE**

A novel, dainty, small flat apple; red cheek. Good Christmas fruit. Tree upright and vigorous.

**KING DAVID**

A cross between Jonathan and Arkansas Black. Color deep, rich red. Tree a young and heavy bearer. November to March.

**SALOME**

Early and annual bearer; very hardy; fruit medium and uniform; quality good. November.

**GANO**

Fruit is a bright red on yellow ground, large oblong, smooth. Tree vigorous and prolific bearer. Fine keeper. November to April.

## NEW VARIETIES OF APPLES

Note prices following each variety. Nice stocky trees.

### **WINTERSTEIN**

A winter apple of the Gravenstein type; flesh yellowish, very tender, rich, spicy, sub-acid, highest quality, with a flavor all its own.

Price, each, 60c

### **OPALESCENT**

Probably the handsomest apple ever introduced. Color light, shaded to a very dark crimson; skin smooth; susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good.

Price, each, 60c

### **MULTNOMAH (New)**

A grand new sort; a hybrid between the American Pippin and Rome Beauty. Originated by H. A. Lewis. Fruit large; color red, striped yellow; flesh white and fine and of sub-acid flavor; extra long keeper and in its prime from February to June; the coming apple for long distance shipment and Oriental trade.

Price, each, 60c

### **ONTARIO**

A cross between Wagener and Northern Spy. Fruit large to very large; flavor a brisk sub-acid, sprightly, slightly aromatic; season mid-winter to late. Price, each, 60c

### **CLAYTON**

Winter; large, yellow, striped red; productive. December to January. Price, each, 35c

### **BISMARCK**

The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish sometimes shaded red cheek; flesh tender, pleasantly sub-acid; entirely new; seldom failing to bear when two years old. September.

Price, each, 35c

### **WINTER BANANA**

Fancy market fruit; pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. November.

Price, each, 35c.

## CRAB APPLES

Nice stocky trees, each, 35c; per 10, \$3.00

### **FLORENCE**

Large, handsome; red striped; early; good annual bearer, juicy and crisp; fine for the home garden. September 1.

### **MARTHA**

Glossy yellow, shaded to red; fine for cooking and fair for eating fresh; tree handsome, vigorous and hardy. September.

### **TRANSCENDENT**

Very large, pleasant flavor and good for cider; yellow striped red. Very productive. Adapted to Montana. September.

### **YELLOW SIBERIAN**

Fruit small, fine golden yellow. Good. August.

### **HYSLOP**

Large, deep crimson; tree hardy, fine for the West. November, January.

### **RED SIBERIAN**

Yellow with scarlet cheek. Bears young and abundantly. September.

### **WHITNEY NO. 20**

Tree thrifty, upright grower. Fruits large, striped; flesh firm and juicy. Very good. August.

## APRICOTS

**Prices except where noted:**

**First Grade, 4 to 6 feet.....**

### **THE LEWIS**

The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively in the "Goodnoe Hills" district. July, August.

Special prices in large lots. Price, each, 75c

Each	Per 10	Per 100	Per 1000
\$0.25	\$2.25	\$20.00	\$180.00

### **ROYAL**

Above medium size; sweet, rich, juicy; good dryer and canner. July.

### **TILTON**

Large; rich color, high flavor; very productive; similar to Royal; later. July.

### **BLENEHEIM**

Deep orange, sometimes blushed; tender, rich and juicy. Tree vigorous. Good for Pacific Coast. Last of June.

### **HEMSKIRKE**

Large, flesh bright orange; tender, plum like flavor. July.

## NECTARINES

### **BOSTON**

Large, deep yellow, bright blush; flesh yellow; very rich and luscious. Best for Oregon. August 1.

### **EARLY VIOLET**

Medium; skin pale, shaded violet; flesh white; good. July.

# DWARF TREES



These are ideal for home gardens; come into bearing early and yield large crops of choicest fruits. Forty Dwarf Trees can be planted in a space 50 feet square and will not shade the ground, which can be cultivated between the trees. For best results Dwarf Trees must be planted in good rich soil and be well cared for; they should be pruned back about two-thirds of their new growth each spring.

## DWARF APPLES

Baldwin	Jonathan	Spitzenberg
Red Astrachan		Gravenstein
Bismarck	Rome Beauty	Wealthy Yellow Transparent

## DWARF PEARS

Bartlett	Fall Butter	Comice
Beurre de Anjou	L. B. de Jersey	
	Shelton	

Price, each, 50c; 10, \$4.00; 100, \$35.00

## "THE AMERICAN APPLE ORCHARD"

(Waugh)

214 pages, Postpaid, \$1.15

A Standard Authority

# CHERRIES

First Grade, 2 years.....

First Grade, 1 year, 4 to 6 feet.....

### BING

Originated in Oregon, from seed of Black Republican; fruit large, dark brown or black; very fine; late; a good shipping variety. July.

### BLACK REPUBLICAN (Lewelling)

Seedling, raised by Seta Lewelling, of Oregon; large size, black, sweet, with purplish flesh; late and a good shipper. June.

### KENTISH (Early Richmond)

Dark red, juicy; one of the best sour cherries and unsurpassed for cooking purposes; very productive. Mid-May.

### LATE DUKE

Large, light red; late and excellent, sub-acid. Late July.

### OREGON

Large, black, solid, free, vigorous and productive; a fine shipper. July.

### ROYAL ANN

(Napoleon Bigarreau.) A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. Judy 1.

Each	Per 10	Per 100	Per 1000
\$0.50	\$4.00	\$35.00	\$300.00
.40	3.50	30.00	275.00

### LAMBERT

Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann. Mid-July.

### MAY DUKE

Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class. May.

### MILLER'S LATE

This new cherry resembles the Late Duke in color, shape and flavor, but it is a larger and later variety, which makes it very valuable and desirable. August. Price, each, 60c

### NEW GIANT

Claimed by the originator to be equal in every way to the famous Lambert, but to possess the good points of being a larger and later cherry. A strong, vigorous grower; heavy cropper. Each, \$1.00; large trees, \$1.50

### ROCHALINE (New)

A new German cherry, larger and redder than the Royal Ann; better shipper and more prolific bearer. July. Each, 60c

# QUINCE

Prices except where noted:

First Grade, 4 to 6 feet.....

### CHAMPION

Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange. October.

### APPLE OR ORANGE

Well known standard variety; early; large, golden yellow; good for preserving or flavoring. September.

Each	Per 10
\$0.50	\$4.00

### PINEAPPLE

Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly can be eaten raw and has a most exquisite and delicious flavor, not equalled by any other quince. September.

Price, select, 1 year, 50c; 2 years, 75c.

# PEARS

	Each	Per 10	Per 100	Per 1000
First Grade, 4 to 6 feet, 1 year.....	\$0.40	\$3.25	\$28.00	\$260.00
Second Grade, 2 to 4 feet, 1 year.....	.35	.275	22.50	200.00
50 at hundred rate—500 at thousand rate.				

## SUMMER VARIETIES

### BARTLETT

Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. August, September.

### SECKEL

Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequaled; skin brownish green, russet brown cheek; flesh whiteish, buttery and melting. September, October.

## AUTUMN VARIETIES

### BEURRE BOSC

Large, beautiful, russety; highly flavored; fine for shipping. September.

### LOUISE BONNE DE JERSEY

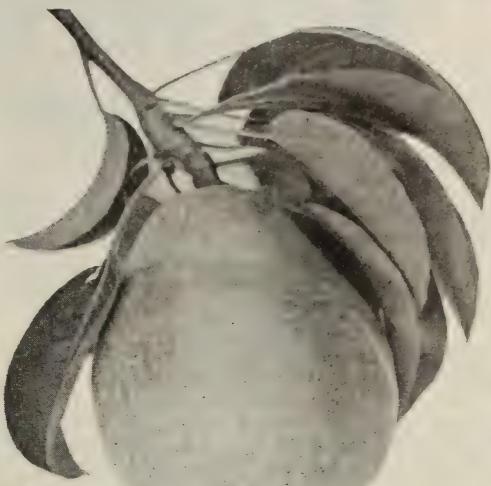
Large, grenish yellow, brownish red in the sun, marked with gray dots; flesh juicy, melting; very prolific. October.

### BEURRE CLAIRGEAU

Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy. September.

### BEURRE D'ANJOU

Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.




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See page 48 for DWARF PEARS.

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### COMICE

A splendid commercial variety, being of fine size; good appearance; ships well. October.

### FALL BUTTER

A favorite fall pear; yellow, sweet and juicy. September.

## WINTER VARIETIES

### ROOSEVELT (New)

Size very large, shape roundish. Flesh fine texture, juicy, melting. Ground color yellow, clouded with salmon rose. Season October.

Price, each, 75c

### LINCOLN CORELESS

Practically coreless; very late. Fruit should be picked when green. Large, quality good. Fairly hardy and good bearer.

### CROCKER BARTLETT (New)

In shape, oblong, large and of a rich golden color. Skin rather thick but tender; flesh yellowish, buttery, juicy, sub-acid to sweet and very rich. Tree very vigorous, so far unblighted. October. Price, each, 50c; per 10, \$4.50.

### WINTER BARTLETT

This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit. Price, each, 50c; per 10, \$4.50.

### BEURRE EASTER

Large, oval, yellow, with red cheek; excellent winter pear; February, October, January.

### WINTER NELIS

Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor. December.

# PRUNES

	Each	Per 10	Per 100	Per 1000
First Grade, 4 to 6 feet, 1 year.....	\$0.20	\$1.80	\$15.00	\$140.00
First Grade, 3 to 4 feet, 1 Year.....	.15	1.35	12.50	110.00

### ITALIAN (FELLEMBERG)

Large, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. August.

### PETITE (FRENCH)

Medium, egg shaped; violet purple; sweet, rich and sugary; very productive; standard variety for drying. August.

### GIANT

Largest prune known; fruit averaging 1½ to 2 ounces each; retaining the good qualities of the smaller varieties.

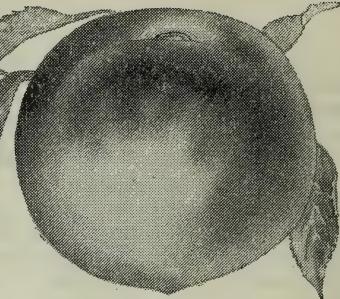
### HUNGARIAN

Very large; dark red, juicy and sweet; good shipper. August.

### SILVER

Seedling of the Coe's Golden Drop; tree vigorous and productive; fruit large and superior; excellent for drying or canning. September.

# PEACHES



**First Grade, 4 to 6 feet.**

**First Grade, 3 to 4 feet.**

#### EARLY ALEXANDER

One of the largest and best of the extra early varieties. Almost freestone. July.

#### EARLY CHARLOTTE

Hardy, medium early, excellent flavor; originated in Oregon. Freestone.

#### EARLY CRAWFORD

Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone. August.

#### ELBERTA

Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect; freestone. Late July.

#### FOSTER

Large yellow, dark red on the sunny side; very rich, juicy and early; freestone. Late July.

#### LATE CRAWFORD

Very large, roundish; yellow, with dark red cheeks; flesh deep yellow; juicy and melting; flavor rich and excellent; freestone; valuable for canning and drying. September.

#### MUIR

Large, pale yellow; very firm and sweet; best for drying; freestone. August.

Each	Per 10	Per 100	Per 1000
\$0.25	\$2.00	\$17.50	\$160.00
.20	2.00	15.00	140.00

#### MAYFLOWER

Beautiful red all over; extremely early; tree hardy and healthy. Should be in every home and commercial orchard. Last of June. Free.

#### CHAMPION

Large, cream white, slightly blushed. Tree hardy; should be in every orchard. July. Free.

#### HEATH'S CLING

One of the best of the clingings. Very large; creamy white, with slight red; flesh white. September.

#### TUSCAN CLING

Very large; yellow, blushed red. Vigorous and strong grower. July and August.

#### CROSBY

Medium; rich orange with slight red blush; freestone, pit small, flesh yellow, sweet and juicy. Good shipper; rank grower. Ripens before Crawfords Late.

#### KRUMMELL OCTOBER

A magnificent peach; very profitable. Ripens two weeks after Salway, but far better; a good keeper. Free from bitterness, very firm and fine texture. Tree vigorous, hardy. Good for State of Washington. Free.

## PLUMS

Prices except where noted:

**First Grade, 2 years.**

**First Grade, 1 year, 4 to 6 feet.**

#### ABUNDANCE

Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; freestone. June.

#### BRADSHAW

Reddish purple, juicy and pleasant; adheres partially to the stone. July.

#### COLUMBIA

Largest size, nearly globular; brownish purple; rich, sugary, freestone. August.

#### DAMSON

Small, oval, bluish purple; flesh melting, rather tart. Tree very fruitful and hardy. August.

#### DAMSON—SHROPSHIRE

Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

#### SATSUMA (Blood Plum)

Quite popular; large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

Each	Per 10	Per 100
\$0.25	\$2.50	\$20.00
.20	2.00	15.00

#### MAYNARD

Dull red, large, round and firm; rich and sweet; sturdy, quick-growing, heavy-yielding variety; extra fine; ripens in July. Each, \$1.00

#### PEACH

Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

#### WASHINGTON

A large plum; skin dull yellow, with a pale crimson blush; flesh firm; very sweet and luscious; freestone. Early August.

#### YELLOW EGG

Very large; skin of a deep golden color, but rather acid; excellent for cooking; very showy. August.

#### GREEN GAGE

Small round; flesh pale green, melting and juicy; freestone. Mid-July.

#### BURBANK

Medium; globular; cherry red, with lilac bloom; flesh yellow; bears very young. Late June.

**POTASH—NITRATES—PHOSPHATES**—In car lots at lowest prices—Write us

**Fertilizer Booklet Free**

# GRAPES

Prices except where noted:

2-year Plants ..... Each, \$0.15;  
per 10, \$1.50; per 100, \$8.00; per 1000, \$70.00

If wanted in large numbers, write for prices

## CONCORD

Large, black grape; bunches compact; berries round, sweet and pleasant. August.

## DELAWARE

One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red. August.

## McKINLEY (New)

A new early white grape of great merit; a strong, vigorous grower; thick, healthy foliage, and perfect self-fertilizing blossoms; bunches large and compact; fruit large, nearly round; very sweet, with no acid around the seeds, and no puckery taste in the skin; skin thin, green at first, then turning to yellow; bears handling and shipping well. August.

Prices, 2-year, each, 25c; 10, \$2.25

## NIAGARA

Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September.

## CAMPBELL'S EARLY

Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August.

Price: 1 year, each, 25c; 10, \$2.25.

Price: 2 years, each, 35c; 10, \$3.25.

## MOORE'S DIAMOND

Bunches large; berry greenish white, flesh juicy and almost without pulp.

## Thompson's Seedless, Tokay, Muscat, Malaga and other European Varieties, Choice Plants at above Prices

# CURRANTS

Currants are a profitable easily grown crop, and the market is always good.

Prices except where noted ..... Each, \$0.10; Per 10, \$0.75; Per 100, \$6.00; Per 1000, \$50.00

## New Varieties

### PERFECTION

New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant.

Strong plants, each, 15c; 10, \$1.40; 100, \$12.50

### POMONA

A splendid new red variety; good keeper; has the record for acreage yield. About the size of Perfection and comes a little later.

Strong plants, each, 25c; 10, \$2.25; 100, \$15.00

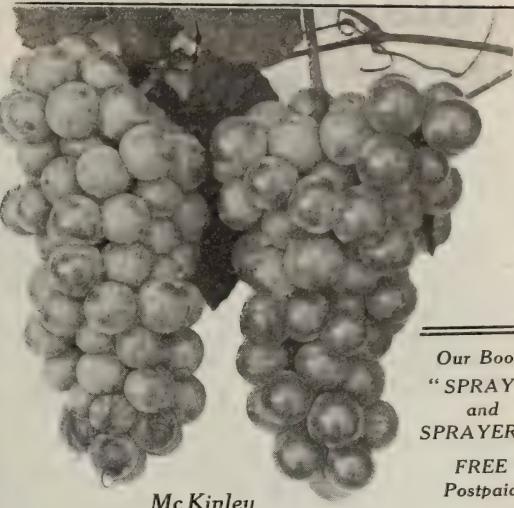
### BELLE DE BOSKOOP

A splendid new black currant excelling in quality and productiveness. A hardy, vigorous, grower; the largest and best black currant. Strong plants, each, 75c.

## White Currants

### WHITE TRANSPARENT

The best white currant known. To be classed with the Perfection red. Splendid for market and table use; berries large, having a rich flavor; mild sub-acid. Vigorous and very productive.



Our Book  
"SPRAYS  
and  
SPRAYERS"

FREE  
Postpaid

Mc Kinley

## McPIKE (New)

Bunches are large and compact; grapes of uniform extra large size of a blue black, covered with bloom. Ripens evenly and is of perfect quality; hardy everywhere. September.

Price, 2-year, 25c; 10, \$2.25

## MOORE'S EARLY

Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

## POCKLINGTON

Vine very vigorous, hardy and productive; bunch and berry of good size; color a light lemon yellow; flesh moderately tender, sweet. September.

Price, 2-year, each, 25c; per 10, \$2.25.

## WORDEN

Bunch very large and compact; berry large, black; an improved Concord. Late August.

## Standard Varieties

### CHERRY

Very large; deep red; fine for preserving; valuable market variety.

### FAY'S PROLIFIC

Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties. To be planted with Cherry.

### NORTH STAR

Strongest grower among red varieties; bunches average four inches in length; extra quality; very productive.

### VICTORIA

Large, bright red bunches, very long; an erect grower; late, productive and very valuable.

# Blackberries

## NEW MAMMOTH

This wonderful new blackberry is a rampant grower, of trailing habit; the foliage is large, thick, of a deep green color. It is enormously productive and exceedingly early, ripening three weeks before other cultivated kinds. Fruit is enormous, specimens measuring 2½ inches long; seeds small, soft and abundant; cores small and soft. In size and flavor it surpasses all other varieties of blackberries. July 1.

**Two-year-old, each, 25c; 10, postpaid, \$2.00  
Ten, by express or freight, \$1.75; 100, \$15.00  
One year old (tips), ea., 15c; 10, postpaid, \$1.25**

**By express or freight, 10, \$1.00; 100, \$8.00  
KITTATINNY**

Large, roundish, conical, glossy black, juicy, sweet, excellent when fully ripe. July. Each, 8c; 10, 60c; 100, \$5.00.

## BLOWERS

A new variety, said to be the best; very productive and a good shipper; exceedingly sweet. Ripens just after the Erie. July. Price, each, 15c; 10, \$1.25; 100, \$10.00; postpaid, each, 20c; per 10, \$1.75.

## ERIE

Large, coal black, round; standard variety. Vigorous. July. **Each, 8c; 10, 60c; 100, \$5.00.**

## EVERGREEN

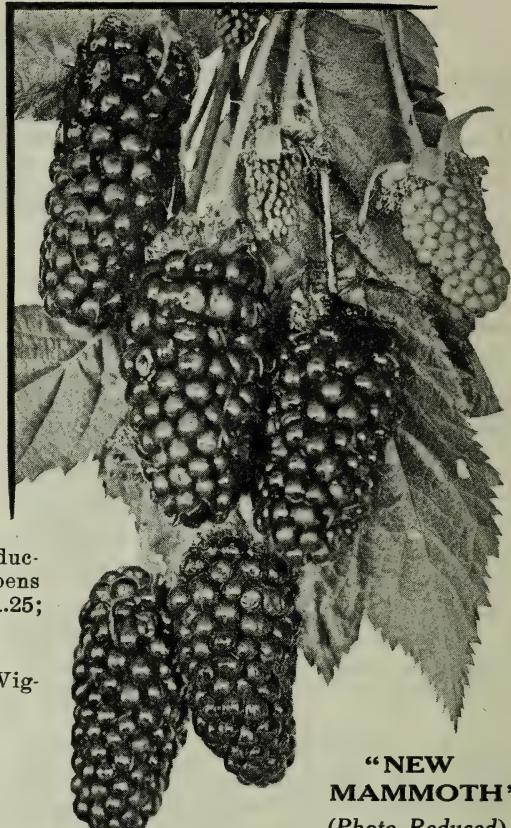
An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November.

**10 for \$1.25; 100 for \$10.00  
Postpaid, each, 20c; 10, \$1.50**

## HIMALAYA GIANT

An exceedingly strong, rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep rooting qualities enable it to produce a large, firm berry even in a very dry season. Postpaid, each, 20c; doz., \$2.00

**Freight or Express, each, 15c; doz., \$1.50**



**"NEW  
MAMMOTH"**  
(Photo Reduced)

## LAWTON

Fruit large; very productive; well and favorably known; Oregon's most popular kind. Each, 8c; 10, 60c; 100, \$5.00.

## ELDORADO

A valuable new variety; fruit large, jet black, melting, sweet and rich; hardy and very productive; fine for Oregon.

**Each, 10c; 10, 90c; 100, \$8.00  
Postpaid, each, 15c; 10, \$1.25**

## Burbank's Phenomenal

"Larger than the largest berry ever before known." Bright crimson raspberry color, productive as could be desired, and most delicious of all berries for pies, canning jellies or jams. Sweeter than the Loganberry. Easily grown, stands shipping well, and hardy everywhere.

Compared with the Logan the color and general form are much the same the first season, particularly if the growing conditions have not been favorable, but when once established they have no equal in size, quality or productiveness. July 1.

**Price, Each, 25c; per 10, \$2.00; per 100, \$12.50.**

## Logan Berry

The fruit is generally larger than the blackberry, often an inch and a quarter long; color dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry, a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Fruit ripens early, the bulk being gone before the blackberries or raspberries become plentiful. It is excellent for the table, eaten raw or stewed and is excellent for jelly or jam. June.

**Price, each, 15c; per 10, \$1.25; per 100, \$8.00.**

## Dewberry

**Price ..... Each, \$0.15; per 10, \$1.25; per 100, \$10.00**

## GARDENIA

Large glossy black; delicious; heavy bearer; trailing vine. June.

## LUCRETIA

Very popular, trailing vine. Fruit large, soft, sweet and with no hard core. Hardy, good for this Coast. Last of May.

# Raspberries—Red Caps

Prices except where noted.  
Per 10, \$0.75; Per 100, \$4.00; Per 1000, \$20.00

## THE IMPROVED SUPERLATIVE A New Berry of Great Merit

The color is a soft red crimson. The berry large and firm, with very small, brittle seeds. The healthy, vigorous growth, remarkable productiveness, hardiness, immense size, handsome, uniform shape and rich, luscious flavor make the "Superlative," from the shippers' standpoint, a most desirable berry. It is firm, disease resisting, and earlier than Cuthbert.

Each, 20c; 10, \$1.65, postpaid

## HERBERT

Three in one; splendid, large, bright red; strong grower and very productive; originated in Canada; should be tried by every planter. Price, strong plants, each, 25c; 10, \$2.00.

## CUTHBERT

Deep rich red, large and firm; one of the best market berries. Very strong, hardy and productive; ripens medium to late.

## MARLBORO

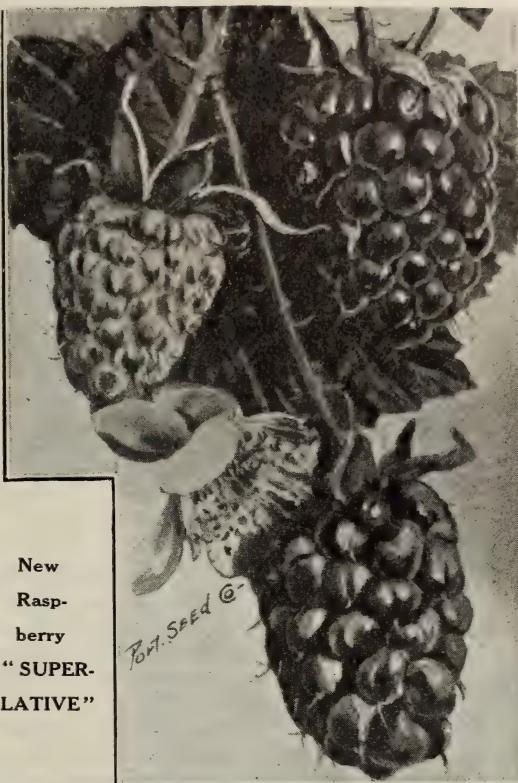
Standard, light crimson, large, very firm; should be planted with Cuthbert as commercial variety; ripens early.

## RED ANTWERP

Earlier and about the size of the Cuthbert; rich flavor; bright red, and a good market or home berry for this climate.

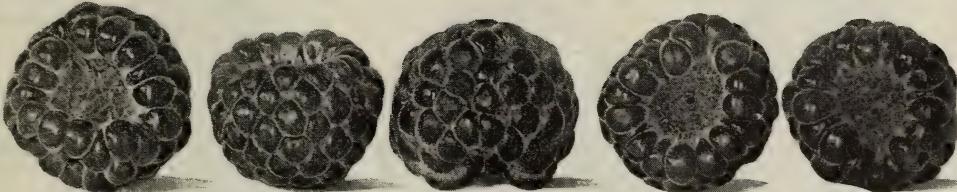
## GOLDEN QUEEN

Yellow, large, fine quality; hardy and productive; should be in every home garden.



## GIANT RHUBARB A SURE, QUICK and PROFITABLE CROP EASY TO GROW—See page 57

"Conrath"  
The best  
Blackcap  
for Oregon



## RASPBERRIES—Black Caps

Prices except where noted:  
Choice well rooted plants, each, 10c; per 10, 90c; per 100, \$6.00; per 1000, \$40.00.

## CONRATH

The Best Early Blackcap

A black raspberry of superior quality, being ten days earlier than Gregg, coming in with the earliest reds. One-sixth of an acre of Conraths produced 38 24-pound crates, netting the grower \$76. We especially recommend the Conrath as the best "blackcap" for Oregon. Try it.

Choice, well-rooted plants, each, 15c; 10, \$1.25, postpaid

Freight or express, 10, \$1.00; 100, \$8.00

## COLUMBIAN

Purple-black, large and quite firm. Fine market and canning fruit. Bush hardy and productive.

## KANSAS

Black. Similar to Gregg, ripening earlier. Good commercially; strong grower and productive. Drouth resistant.

## CUMBERLAND

Black; very large; similar to Gregg if not better.

## MAMMOTH

Black, good quality. Not yet thoroughly tested.

## MUNGER

Black, very good, juicy and fine for home use.

## GREGG

Of good size, fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts.

## PLUM FARMER

New; very promising as a table and market berry; large black, hardy and productive. Good quality. Strong plants, postpaid, each, 15c; 10, \$1.25. Express or freight, 10, \$1.00; 100, \$8.00.

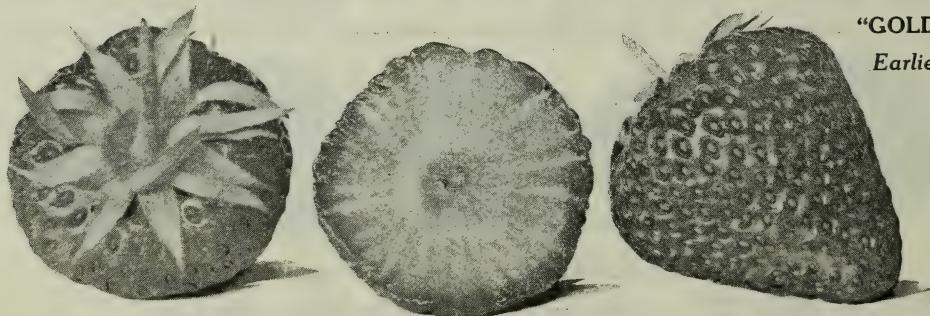
# STRAWBERRY PLANTS

## "DIAMOND QUALITY"



In setting, trim roots as indicated by line in illustration.

have at least two years cultivation before using for strawberries. Remove the mulch directly after fruiting. This helps to control many evils. For helpful details of care and culture, see our **Strawberry Booklet**, 32 pages, sent free on request.



**"GOLD DOLLAR"**  
Earliest and Best  
of All  
Early  
Strawberries  
Always  
Solid  
Clear  
Through

### Gold Dollar—Extra Early

No early strawberry has ever been grown that equals our special strain of "Gold Dollars."

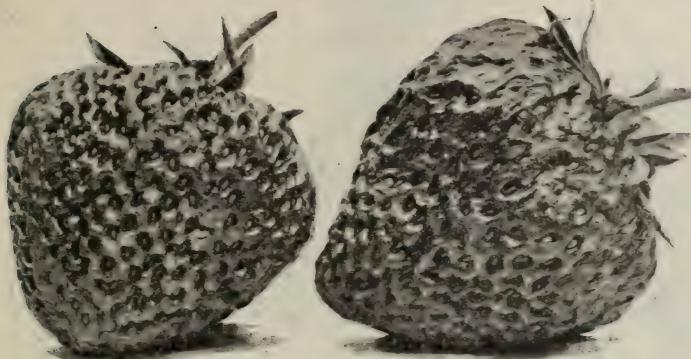
Gold Dollar berries are large size, dark red all through and have a fine flavor. Foliage heavy, large and spreading, which protects the blooms from early frosts. Has a perfect bloom, and strong stems that hold the berries up from the ground, which helps to keep color and flavor during the early rainy season.

Gold Dollar Strawberries are the standard early berry in the big markets of the Northwest and are always in demand. They are sure, heavy croppers, keep up their size throughout the season, and command the highest early prices. They are the handsomest, most profitable early strawberry.

The strawberries here offered have all stood the market test and you will be safe in selecting any one of them that will suit your conditions and requirements. They are the best varieties obtainable.

**"Diamond" No. 4** — The Best Fertilizer for Strawberries. Our Fertilizer Book tells why. Ask for a copy. **Sent FREE**

## **STRAWBERRY PLANTS—Continued**



Our Own Introduction

## **"NEW OREGON"**

*Best, Most Uniform,  
and Heaviest  
Yielding Main Crop  
Strawberry*

**"NEW OREGON"** is large, firm and of fine form, averaging 15 to the quart box, color a brilliant, deep, rich red, having a glossy varnished appearance when fully ripe. This dark blood red coloring extends through to the very center, and, no matter how large, the "**NEW OREGON**" is never hollow. When fully ripe **"NEW OREGON"** has a distinctive flavor suggestive of the wild berry, is crisp and delicious, and will remain on the vine for three days without injury, keeping perfectly for many days after picking; stands handling and long shipments and will hold its color, shape and flavor when canned.

**"NEW OREGON"** is an early and continuous bearer, being ready for marketing the first half of May in the Willamette Valley and holds up in size and quality throughout the season, which in some localities extends until frost.

**"NEW OREGON"** is a healthy, vigorous grower with luxuriant foliage, but has a marked characteristic of setting few runners. For this reason plants of the true strain cost a little more than other sorts. We introduced "**"NEW OREGON"**" in 1902 and growing tests with every promising variety obtainable have demonstrated its superiority.

Mr. Finnigan, the "Strawberry King," uses the "**NEW OREGON**" for his fancy pack, and picked 16,872 boxes from two acres in one season.

To be sure of receiving the original strain of genuine "NEW OREGON" Strawberries send your orders directly to our Portland store.

**Popular and Best Western Sorts**  
**Marshall New Acme**

One of the best all-round strawberries; very large; dark crimson throughout; fine flavor; a fine market and table berry.

## **Clark's Seedling**

The berry that has made Hood River famous; best shipper; berries large, firm and of delicious flavor; vines bear large crops; is especially adapted to dry soil.

## **Admiral Dewey**

Color, beautiful dark red, extending to the center; no white core; shape conical, much like Clark's Seedling; of excellent flavor; a very early, abundant and continuous bearer; might be classed as an ever-bearing.

Wilson

An old standard variety; a heavy bearer of fine, moderate sized berries; sharp acid flavor and the leading sort for canning.

PRICE LIST OF PLATES

PRICE LIST OF PLANT  
Acme  
Admiral Dewey  
Clark's Seedling  
Gandy  
Gold Dollar  
Magoon  
Marshall  
New Oregon—Improved  
Wilson

Not less than 500 plants of a kind at 1000 rate. Special prices on 3000 or more.

By mail, postpaid.		By express or freight packed in venti- lated crates.	
Dozen	100	100	1000
... \$0.30	\$1.00	\$0.75	\$6.00
... .25	1.00	.60	4.50
... .25	1.00	.60	4.50
... .30	1.00	.75	5.00
... .30	1.00	.75	5.00
... .25	1.00	.60	4.50
... .25	1.00	.60	4.50
... .30	1.00	.75	6.00
... .25	1.00	.60	4.50

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**FREE**

**ON REQUEST, OUR 32-PAGE BOOK ON STRAWBERRY CULTURE**  
Complete and up-to-date. Things you should know about Strawberries.

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**FREE**

# GOOSEBERRIES

"Industry"  
from Photo



**Prices except where noted.....Each, \$0.10; Per 10, \$0.80; Per 100, \$5.00; Per 1000, \$45.00**

#### OREGON CHAMPION

Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

#### HOUGHTON

Vigorous grower, abundant bearer; fruit of medium size, pale red, sweet and juicy.

#### RED JACKET (JOSSELYN)

Of large size; smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

Each, 15c; 10, \$1.25; 100, \$12.00

**DOWNING**  
Large, light green; soft juicy and good. Vigorous and very productive.

#### INDUSTRY

Very large, dark red, of delicious flavor; the best of all English varieties. Bushes strong, upright and very productive.

Each, 20c; 10, \$1.75; 100, \$15.00

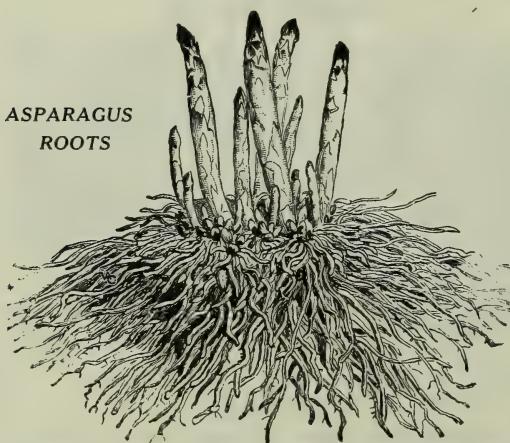
#### PEARL

Large, light yellowish green; very hardy and free from mildew; superior in size and quality. Very prolific.

## Vegetable Roots and Plants

### Asparagus

ASPARAGUS  
ROOTS



### Hop Vines

Grown very extensively for the hops; also planted largely for shade and covering fences, buildings, etc.; rapid growers.

English Cluster—The best sort.

Strong roots, postpaid, 5c each; 40c per dozen. By express, 25c per dozen; \$1.50 per 100. Write for prices if wanted by the 1000.

One of the earliest and finest of spring vegetables; very easily grown. A bed once planted is good for years if properly attended to and well manured.

**CULTIVATION**—See that the ground is well drained, work it up fine and deep and make it very rich with fertilizer or barnyard manure. Place the plants eight inches apart in rows three feet apart. Spread out the roots in a trench made deep enough to permit their crowns to be covered with three or four inches of mellow earth. Give the bed liberal dressings of fertilizer at intervals, and, except near the sets, three pounds of salt per square yard early every spring. Do not cut for use until the plants have grown two seasons.

We can supply Connover's Colossal, Palmetto and Columbian Mammoth White.

**ONE-YEAR-OLD PLANTS**—Postpaid, 25c dozen; 75c per 50; \$1.00 per 100. By express or freight, 20c dozen; 50c per 50; 75c per 100; \$6.00 per 1000.

**TWO-YEAR-OLD PLANTS**—Postpaid, 40c dozen; \$1.00 per 50; \$1.50 per 100. By express or freight, 25c dozen; 75c per 50; \$1.00 per 100; \$8.00 per 1000

### Horse Radish

This useful condiment is easily grown and prefers a rich, moist loam. Plant in rows eighteen inches apart, putting the sets one foot apart, being careful to place the thin end down in the ground. Constant cultivation required.

Postpaid, 5c each; 40c per dozen. By express or freight, 25c per dozen; \$1.50 per 100. Write for prices by the 1000.

### High Grade Fertilizers Cheapest

A 100-pound bag of high grade commercial fertilizer will contain more soluble and available plant food than 4,000 pounds (two tons) of stable manure of average quality. How much easier and cleaner to handle one 100-pound bag than tons of manure, and there are no weed seeds to worry over.

Special Fertilizer Booklet giving complete analysis and price of the different fertilizers which we can supply, together with full information for their application, will be sent on request. This book is of great value to all interested in fertilizers.

## VEGETABLE PLANTS—Continued

### Rhubarb, or Pie Plant

#### BURBANK CRIMSON WINTER

This deserves to be ranked among the best early products of the garden. It affords the earliest material for fine pies and fresh table sauce, continues long in use and is valuable for canning.

A deep rich soil is indispensable to secure large, heavy stalks. Plant in rows four feet apart, with the plants three feet distant. Set so that the crowns are about an inch below the surface. Apply annually, in the fall, top dressing of stable manure, and fork under in the spring.

#### GIANT—BEST HARDY VARIETY

**ONE-YEAR-OLD ROOTS**—Postpaid, 8c each; 75c per dozen. By express or freight, 50c per dozen; \$3.00 per 100.

**TWO-YEAR-OLD ROOTS**—Postpaid, 15c each; \$1.50 per dozen. By express or freight, 85c per dozen; \$6.00 per 100.

A widely advertised, forcing variety of great value, the flavor and quality being superior to any other rhubarb. Comes on very early and lasts through a long season, hardy in some sections, but gives best results when protected. Must be propagated from root divisions, as it does not come true from seed. Large clumps, each, \$1.00; doz., \$10.00

Divided roots, each, 25c; doz., \$2.50

**NOTE**—We advise our customers to order the above roots by express or freight, if possible, as it enables us to send much larger and better rooted plants, at a less cost to the buyer.

If wanted in larger quantities, write for special prices.

### VEGETABLES PLANTS

We grow large quantities of vegetable plants, and can supply all the kinds listed below, in their proper season, in most any quantity. We have made arrangements this year so that we can supply all vegetable plants in two grades. If you want a quantity of plants write us early.

Transplanted plants are much stronger and better rooted, and are well worth the price, especially in the early part of the season. We can supply most any of the leading sorts. No plants sent C. O. D.

Write for prices in large quantities.

	Postpaid.	By express.		Postpaid.	By express.
Celery—	Dozen.	100. 1000.	Cauliflower—	Dozen.	100. 1000.
Leading kinds, transplanted . . . . .	\$0.25	\$0.75	Early Snowball, transplanted . . . . .	\$0.30	\$1.25
Not transplanted . . . . .	.50	5.00	Not transplanted . . . . .	. . . . .	1.00
Tomatoes—	Postpaid.	By express.	Late kinds, transplanted . . . . .	.30	7.00
Leading kinds, transplanted . . . . .	\$0.30	\$1.00	Late kinds, not transplanted . . . . .	.75	6.00
Not transplanted . . . . .	.75	6.00	Add 25c per 100 for Cauliflower Plants by mail.		
Add 40c per 100 for Tomato Plants by mail.			Cabbage—	Postpaid.	By express.
Sweet Potato Plants . . . . .	\$0.30	\$1.00	Early or late kinds, transplanted . . . . .	. . . . .	Dozen.
Add 25c per 100 for above Plants by mail.			Not transplanted . . . . .	\$0.20	\$0.75
Chives (Schnittlauch), per bunch . . . . .	10c		Add 25c per 100 for Cabbage Plants by mail.	.50	\$6.00

Spraying to be effective must be well done. We recommend the **GOULD SPRAY PUMPS** as the most efficient and satisfactory sprayers. Complete outfits, all styles, for every requirement, can be furnished on demand. Full information on request.

### Spray Calendar—When to Spray, What to use

Insect or Disease.	Plant Attacked.	What to Spray With.	First Spraying.
Codling Moth . . . . .	Apple, Pear . . . . .	Arsenate of Lead . . . . .	Just before calyx cups close.
San Jose Scale . . . . .	Apple, mainly . . . . .	Scalecide, Standard Sulphur-Lime Solution . . . . .	When leaves are off the tree.
Oyster Shell Bark Louse . . .	Apple . . . . .	Standard Sulphur-Lime Solution . . . . .	When leaves are off the tree.
Peach Moth or Twig Borer.	Peach . . . . .	Scalecide, 1 part to 20 parts water . . . . .	When the insects appear.
Woolly Aphis . . . . .	Apple . . . . .	Scalecide, 1 part to 40 parts water . . . . .	When the insects appear.
Aphis . . . . .	Roses and plants . . . . .	Aphiscide, Fir Tree Oil Soap . . . . .	Just as soon as the insects appear.
Cabbage Worm . . . . .	Cabbage . . . . .	Bug Death (non-poisonous) . . . . .	Before the worms eat into the cabbage.
Cabbage Aphis . . . . .	Cabbage . . . . .	Scalecide, 1 part to 40 parts water . . . . .	When the insects appear.
Slug . . . . .	Pear, Cherry, Peas . . . . .	Slug Shot, or Bug Death . . . . .	When the insects appear.
Thrips . . . . .	Roses . . . . .	Thrip Juice, or Aphiscide . . . . .	When the insects appear.
Cottony Scale . . . . .	Pear, Currant . . . . .	Scalecide, 1 part to 40 parts water . . . . .	When insects become cottony (May).
Scab . . . . .	Apple, Pear . . . . .	Bordeaux . . . . .	Just before blossoms open.
Blackspot Canker . . . . .	Apple . . . . .	Bordeaux, double strength . . . . .	Immediately after leaves fall.
Leaf Curl . . . . .	Peach . . . . .	Standard Sulphur-Lime Solution . . . . .	Before buds burst.
Mildew . . . . .	Gooseberry . . . . .	Potassium Sulphide, 1 ounce to 2 gallons water . . . . .	Before buds burst.

**SCALECIDE** A barrel of "Scalecide" will spray more trees than  $3\frac{1}{3}$  bbls. of Lime and Sulphur, at less expense, with less work, and better results. "SCALECIDE" will not injure your pump or outfit will not harm your skin or eyes.

6 Years of Systematic Spraying with "Scalecide" has resulted in record yields in some of the largest apple and peach orchards of the United States. Interesting literature and sample of "Scalecide" will be sent Free on Request.

**SPREADS AND PENETRATES — KILLS ALL SCALE AND FUNGUNS.**

# ORNAMENTALS

SPACE will not permit us to more than give the very briefest description of ornamentals in this booklet, but complete descriptions and detailed information covering your planting problems will be promptly and cheerfully furnished on request, together with such suggestions as we feel will prove helpful to you. We shall be pleased to quote special prices on larger grades than those offered in the list. Such varieties as we have marked with an asterisk (\*) can be supplied in many cases in larger grades and in large quantities.

When large trees are planted, they should be cut down to within 8 feet of the ground and all laterals should be shortened in, thinned out if they are too thick and cut away entirely to about 6 feet of the ground.

We shall be pleased to give quotations to persons desiring large quantities.

Prices of the following are for the 7 to 8 feet grade, excepting where otherwise specified.

## Deciduous Trees

### ASH

#### American White

Broad, round head and dense foliage. Very fine. **Each, 60c; 10, \$5.00.**

### BASSWOOD

(See Linden).

### BEECH

**Purple Leaved**—Foliage is deep purple in the spring, changing to crimson in the fall. 5 to 6 feet, each \$2.00; 6 to 8 feet, \$3.00

### American

Unequalled for splendor. **Each, 75c; 10, \$6.00.**

### Fern Leaved

European variety, shrub-like and very beautiful for the lawn. 4-5 feet, each, \$1.00; per 10, \$7.50.

### \*BIRCH

#### European White

Silvery white bark and slender drooping branches. **Each, 75c; 10, \$6.50.**

### Cut Leaved

Delicately cut foliage, silvery white bark and drooping branches. **Each, \$1.25; 10, \$11.00.**

### CATALPA

Splendid trees with white flowers and bright green foliage.

### CATALPA BUNGEI

Forms a dense, round, umbrella-like head. **Each, \$1.50.**

### \*CATALPA WESTERN (Speciosa)

Very rapid grower, fine as a quick shade. **Price, 7 to 8 feet, each, 75c.**

### CRAE—Flowering (Bechtels)

Flowers pink and very fragrant. In appearance a tree of roses. 5 to 6 feet, each, 75c.

### CORNUS FLORIDA (Dogwood, White Flowering)

Flowers white, 3 inches in diameter, blooming before leaves come in spring. Grows 20 to 25 feet high and is very showy. **Price, 7 to 8 feet, each, 60c; 10, \$5.00.**

### \*ELM

#### American White

A native of this section; a magnificent tree with drooping branches. **Each, 75c; 10, \$6.50.**

### \*LABURNUM (Golden Chain)

A beautiful small growing tree, with long, drooping racemes of fragrant yellow flowers. 5 to 6 feet, each, 75c.

### LARCH

Tree native, rapid growing. **Each, 75c; 10,**

### \*Cork Bark

Desirable for street planting. Young branches very corky. **Each, 50c; 10, \$4.50.**

### Purple Leaved

Leaves rich purple when young. **Each, 75c; 10, \$6.50.**

### FRINGE TREE

Small; foliage dark green; bunches of pure white flowers in May. 4 to 6 feet, \$1.00.

### HAWTHORNE

#### Double Scarlet

Small tree with spreading branches and crimson flowers. **Each, 75c; per 10, \$6.50.**

#### Double White

Flowers small, leaves lustrous green color. 75c; 10, \$6.50.

### HORSE CHESTNUT

#### \*White

Foliage showy, flowers stand in upright panicles. **Each, \$1.10; 10, \$8.00.**

#### \*Red

Same as above; flowers red. **Each, \$1.10; 10, \$8.00.**

### LINDEN

#### American

Shapely and handsome, foliage large. **Each, \$1.00; 10, \$8.50.**

#### European

Similar to American, leaf smaller. Fine. **\$1.25.**

### LIRIODENDRON

See Tulip tree.

### LOCUST

#### \*Black

Rapid grower; fine for street planting. **Each, 75c; 10, \$6.50.**

#### Honey

Rapid grower, a drought resister; fine for hedge or wind-break. **Each, 75c; 10, \$6.50.**

### MAGNOLIA—Acuminata, Cucumber Tree

Tall, pyramidal tree, showy leaves and yellowish white flowers. **Each, \$1.50; 10, \$12.50.**

### MAPLE

#### Ash-Leaved (Box Elder)

A rapid grower, fine street tree, foliage ash-like. **Each, \$1.00; 10, \$8.50.**

#### \*Oregon Soft

A rapid grower, fine for avenues. Leaves large. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

#### \*Sycamore

Tree large and spreading with handsome foliage. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

#### Silver

A rapid grower, graceful and very beautiful; leaves silvery. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

### Betchtel's Double

#### Flowering Crab



## DECIDUOUS TREES—Continued

## \*Norway

Large, growth compact; foliage deep green. Handsome. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

## Purple Leaf Sycamore

Purplish green foliage, sycamore-like. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

## Sugar or Hard

A rapid grower; popular in the East, a shapely tree with beautiful autumnal coloring. 6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.

## \*MOUNTAIN ASH

Very ornamental, handsome foliage turning orange red in the fall. Red berries remain on tree most of winter. 75c; 10, \$6.50.

## MOUNTAIN ASH—European

White flowers, then beautiful red berries. Each, 75c; 10, \$6.50.

## MULBERRY

## Downing's Everbearing

A rapid grower with good fruit. Fine as a shade tree. Each, 75c; 10, \$6.50.

## \*Russian

Of spreading habit and rapid growth. Each, 75c; 10, \$6.50.

## WALNUT

See Nut Trees.

## OAK

## English

Low growing, spreading habit and rapid growth. 75c; 10, \$6.50.

## Scarlet

Pyramidal shape, foliage changes to bright red in fall. Each, 75c; 10, \$6.50.

## PEACH—Flowering

Blooms in April, flowers highly colored and very attractive. 4 to 6 feet, 50c; 10, \$4.00.

## POPLAR

## \*Carolina

A very rapid grower. Each, 60c; 10, \$5.00.

## PRUNUS PISSARDI

Foliage and fruit entirely red. Plums very good quality. Very attractive. \$1.00; 4 to 6 feet, 75c.

## SYCAMORE

## American

Has broad foliage and handsome bark. 4 to 6 feet, 75c; 10, \$6.50.

## European

Erect growing tree with mottled trunk. Foliage bright green. Each, 75c; 10, \$6.50.

## TULIP TREE

Leaves light, glossy green, fiddle shaped; flowers greenish yellow, tulip shaped. Each, \$1.50; 4 to 6 feet, \$1.00.

## Weeping Trees

## ASH—European Weeping

Splendid arbor tree. \$1.25; 10, \$11.00.

## BABYLONICA or Common

Well known common willow, with drooping branchlets. 5 to 6 feet, each, 60c.

## CHERRY—Japanese White

Graceful and very beautiful, hard to equal. 4 to 6 feet, \$1.25.

## ELM—Camperdown Weeping

Vigorous branches, forming a roof-like head. \$1.50; per 10, \$12.50.

## MAPLE—Wier's Cut-Leaved

Very handsome with cut foliage. 6 to 8 feet, \$1.50.

## MULBERRY—Tea's Weeping

Very graceful; branches long and slender and drooping parallel to trunk. Each, \$1.50; per 10, \$12.50.

## WEEPING WILLOW—Kilmarnock

A distinct variety, having reddish shoots and large, glossy foliage. They make a most desirable and graceful drooping small tree for lawns. 6 feet and 2-year heads, each, \$1.00 to \$1.50.

## WILLOW—Wisconsin

Large, glossy leaves and very pendulous habit. Each, 75c; per 10, \$6.50.

## NUT TREES

## Almond (Nut Bearing)

Almonds can be grown successfully in many sections of Oregon and Washington, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties at price listed. Special prices on large orders.

Choice trees, 3 to 5 feet, each, 50c

I. X. L.—A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

Hard Shell—A fine hardy variety with large plump kernel of good quality.

## NONPARIEL

Tree beautiful, slightly weeping; nut sweet and shell very thin. Best for the home.

## NE PLUS ULTRA

Large and very long; soft shell; hulls free. Tree heavy and regular bearer.

## Butternut

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the Middle West. Succeeds fairly well in the Pacific States.

Price, each, 50c to 75c

## Chestnut

American Sweet—Makes a handsome shade tree; full medium size, sweet and well flavored. 7 to 8 feet, each, 75c to \$1.00

Spanish—A valuable species, both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the American variety.

4 to 6 feet, each, 75c; 7 to 8 feet, \$1.00

Mammoth Japanese—A variety we import from Japan; yields much the best and largest fruit.

Each, 75c to \$1.00

## PARAGON

Nuts large and handsome, sweet and of good quality. Tree hardy and very productive. 4 to 6 feet, each, 75c to \$1.00.

## Filberts

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. Each, 35c to 50c

DuChilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by  $\frac{3}{4}$  of an inch; full fleshed and sweet; best grown as low standard.

Each, 35c to 50c

Special prices on large orders.

**NUT TREES — Continued****Walnuts**

**English or French**—The cultivation of English Walnuts on the Pacific Coast is very profitable, and many people are now setting out large groves. If you do not care to set out a field of trees, a row set along the driveway, lane, around the fences, or on a sidehill too steep to cultivate will prove a most profitable investment, and will require very little attention. They are rapid growers, and will make fair-sized trees in a few years. For those who prefer "second generation," we have a fine lot of one and two-year-old trees (the best age to plant). These are nut-bearing, second-generation stock, and of the best varieties on the Coast, Franquette, Mayette, Praeparturien, etc.

**CALIFORNIA BLACK**

A rapid grower and very desirable; nut medium size, with hard, smooth shell. Adapts itself easily to different climates.

**FRANQUETTE AND MAYETTE**

Second generation, soft shell, selected stock; very good, sweet and good tasting. Trees hardy and prolific bearers. Nuts are rich and meaty, finest commercial sorts.

**PRICES**

One-year-old, well-rooted, each, 25c; 10, \$2.00

Two-year-old, well rooted, tops 2 feet up, 40c

Seedling stock grown from select nuts, 4 to 6 feet, each, 75c; 6 to 8 feet, 75c to \$1.00

**FRANQUETTE****Grafted on California Black**

Quite large, elongated oval, and very attractive, kernel full, sweet and of a rich nutty flavor.

**GRAFTED STOCK**, 4 to 6 feet, \$1.50 to \$2.00

Special prices on large lots.

**Hickory****Shellbark**

Popular Eastern variety, tree hardy but slow grower. Nuts medium size, very good. Quality excellent.

Price, 3 to 4 feet, each, 75c

**Evergreen Trees**

**T**HIS list includes trees that do not shed all their foliage at one time, thereby remaining green after the deciduous trees are bare.

**ARAUCARIA IMBRICATA—Monkey Puzzle**

A fine tree of regular pyramidal form; leaves bright green, broad, thick, pointed and overlapping each other. 2 to 3 feet, \$2.00.

**ARBORVITAE****\*American**

Native, known as white cedar. Foliage bright green, yellow-green underneath; brown and bronze in winter. 2 to 3 feet, 75c.

**Golden**

Elegant; habit regular; foliage tinged with gold in spring. 2 to 3 feet, \$1.50.

**Weeping**

Weeping variety, branches pendulous and thread-like; foliage light yellowish green. 2 to 3 feet, \$1.50.

**American Variegated Pyramidal**

Pyramidal form, foliage dark green. 2 to 3 feet, \$1.00.

**Oriental**

Fine, with close ascending branches of a fan shaped appearance. 2 to 3 feet, \$1.00.

**CEDAR****Deodora (Himalaya or Indian Cedar)**

Very handsome; branches drooping; foliage silvery green. Very popular. Vigorous grower. 2 to 3 feet, \$1.50.

**Deodora Variegata (Variegated Cedar)**

A fine tree, same as Deodora with silvery white tipped foliage. 2 to 3 feet, \$2.00.

**CYPRESS****\*Lawson's**

Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green. 2 to 3 feet, \$1.25; per 10, \$10.00.

**Lawson Blue**

Of slender habit with silvery foliage. 1½ to 2 feet, \$1.00.

**FIR****American Balsam**

Prized for its delightful aroma. 1½ to 2 feet, \$1.25.

**European**

Splendid; branches spreading, foliage broad and silvery. 2 to 3 feet, \$1.25.

**Nordman's**

Lustrous, deep green foliage; very symmetrical. One of the best. 1 to 1½ feet, \$1.25.

**White**

A fine spruce; rapid growth; very hardy. Very attractive. 1½ to 2 feet, \$1.50.

**HEMLOCK—American**

Very beautiful and appealing; branches pendant and foliage deep green. 2 to 3 feet, 75c; per 10, \$6.50.

**Holly (Ilex)**

We have a fine lot of Hollies, both seedling and grafted stock. If wanted in quantity, write for special prices. We also have at different times very large fine specimens, with or without berries. Each, from \$10.00 up

**English (Aquifolia)**—A beautiful lawn tree, with prickly, dark green foliage; grows moderately fast, and is covered during the winter months with bright red berries. One of the handsomest and most popular evergreen bushes we know of. Holly branches are cut and sold in large quantities for holiday decorations. Berry-bearing plants, per foot, \$1.00; nice plants, \$2.50 to \$6.00; ordinary stock, per foot, 75c; nice plants, \$1.50 to \$3.00

**Variegated Hollies**

The variegated varieties are remarkably handsome lawn plants. The leaves are variously marked with yellow or white. We offer the following distinct sorts:

**Golden Margined**—Leaves splashed with pale green; narrow, but irregular; golden edge.

Per foot, \$1.00 to \$1.50

**Silver Margined**—Leaves long, dark green, slightly mottled, and with an irregular, narrowish silvery margin.

Per foot, \$1.00 to \$1.50

**JUNIPER****Irish**

Pyramidal in form, foliage silvery gray; very striking. 2 to 3 feet, \$1.00.

**Red Cedar**

Native, with striking form and beautiful color. 2 to 3 feet, 60c; per 10, \$5.00.

**EVERGREEN TREES**

Continued

**Swedish**

Similar to Irish, upright; one of the best.  
2 to 3 feet, \$1.00.

**PINE****Austrian**

Well known and widely planted, especially at seashore; growth rapid; quite hardy. 2 to 3 feet, \$1.00.

**Scotch**

Robust growth; branches pendulous; leaves bluish green. 3 to 4 feet, 75c; per 10, \$6.50.

**SPRUCE****\*Norway**

A lofty, rapid grower; branches drooping. Fine for hedge or windbreak. 2 to 3 feet, \$1.25.

**Norway Variegated Golden**

Foliage golden yellow, vigorous. 2 to 3 feet, \$2.00.

**SPRUCE—Colorado Blue**

The most beautiful of spruces; foliage silvery blue. 1½ to 2 feet, \$2.50.

**Douglas**

Somewhat similar to our hemlock; rapid grower. 2 to 3 feet, \$1.50.

**YEW****English**

Slow growth, densely branched, head spreading, dark green leaves. 2 to 3 feet, \$1.00.

**Irish**

Upright, deep, dark green foliage. 2 to 3 feet, \$1.50.

**Variegated**

Same as Irish, but with part of foliage striped and margined with silvery white. 2 to 3 feet, \$1.50.

**Evergreen Shrubs****PRIVET (Evergreen)**

One of our best hedge plants; has small, pointed, evergreen leaves; grows rapidly and compactly; stands severe pruning, and can be kept in fine shape with little care.

1-year-old plants, 12 inches, each, 5c; 50, \$1.75; 100, \$3.00; 2-year-old plants, 1½ to 2 feet, each, 10c; 50, \$3.50; 100, \$6.00

**Rhododendron**

**Grafted Varieties**—Magnificent, June and July flowering, evergreen shrubs; the finest and most hardy of all evergreens; they prefer a somewhat shady situation. There are many varieties, the flowers of which are produced in great abundance and in shades of the following colors: White, blue, purple, cherry, lilac, mauve and crimson.

Choice plants, 1½ to 2 feet and according to number of buds, \$1.50 to \$3.00

**Ponticum**—Flowers purple, often spotted on the upper lobe, and freely produced in short terminal corymbs.

Each, \$1.50

**BROOM—Scotch**

Branches drooping, covered in spring with bright yellow pea-shaped flowers. 3 to 4 feet, 50c.

**White Flowering**

Same as Scotch; flowers white. 3 to 4 feet, 75c.

**Spanish**

Same as Scotch; upright; branches leafless, superior to Scotch. Blooms continuously throughout the summer; larger, nicer flower; very desirable. 3 to 4 feet, etc.

**EUONYMUS—Jap.**

Dense, upright; leaves dark green (hedge). 2 to 3 feet, 50c.

**Variegated**

Gold (and silver). 3 to 4 feet, \$1.00.

**LAURISTINUS**

Many white flowers in winter; fine hedge. Price, 2 to 3 feet, 75c each.

**LAUREL****Portugal**

Dwarfish, leaves dark green, flowers very sweet. 2 to 3 feet, \$1.25; per 10, \$10.00.

**English**

Leaves broad, shining; flowers in clusters, creamy white. Purple berries. 2 to 3 feet, \$1.00.

**MAHONIA—Aquifolia (Oregon Grape)**

Shining, purple, prickly leaves; bright flowers, yellow; berries blue-black. 2 to 3 feet, 75c (Balled).

**Deciduous Shrubs****ALTHEA—Rose of Sharon**

Flowers delicate, bell shaped, blooming at different times during summer. 3 to 4 feet,

**Grandiflora Superba**

Double, delicate blush, carmine center. 3 to 4 feet, each, 50c; 10, \$4.00.

**Elegantissima**

Double white. 3 to 4 feet, each, 50c; 10, \$4.00.

**Meehani**

Leaves variegated, single lilac-pink flowers. 60c.

**FLOWERING ALMOND—White**

Same, though white flowers.

**FLOWERING ALMOND—Pink**

Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. 2 feet, 50c.

**AZALEA MOLLIS**

Very bushy, a young and proficient bloomer. Colors, red, orange and yellow. \$1.00.

**BARBERRY—Purple Leaved**

Having purple foliage, very pretty. Clump, 25c each.

**CURRENT—Flowering**

Graceful flowers and berries red. Very desirable for shady spots. 3 to 4 feet, 50c.

**HONEYSUCKLE—Upright**

Very beautiful. 3 to 4 feet, 50c. For others, see vines.

**DOGWOOD****Cornus Florida.**

White flowering dogwood. See deciduous trees.

**DEUTZIA—Pride of Rochester**

Tall, very beautiful. Flowers double white. 3 to 4 feet, 50c; 4 to 6 feet, 65c; 6 to 8 feet, 75c.

**ELDER—Cut Leaved**

Deep, cut foliage. 4 to 6 feet, 50c.

**EUONYMUS—European**

Strawberry or Spindle Tree—A small tree bearing medium sized scarlet berries. 4 to 5 feet, 50c.

**FILBERT—Purple Leaved**

Leaves and husks purple, very ornamental. Nuts good. 3 to 4 feet, 75c.

**FORSYTHIA (Golden Bell)**

Most common; deep green foliage. Fine in partial shade. 5 to 6 feet, 50c.

**CALYCANTHUS—Floridus**

Flowers reddish brown, sweet scented. Leaves broad, dark green, making graceful masses. 2 to 3 feet, 50c; per 10, \$3.50.

**HYDRANGEA****Paniculata Grandiflora**

Heads extra large; cream color in bud, then turning pure white, finally changing to bronze. 1 to 2 feet, 75c.

**Deciduous Shrubs**

Continued



Japanese

Snowball

**NEW HYDRANGEA**

**Arborescens Alba Grandiflora** (known as "Snowball Hydrangea")—A grand addition to the summer flowering shrubs—flowers July and August. The flowers are large, similar to snowball in appearance, conspicuously white; fine for single specimen or cut flowers. **Each, \$1.00**

**Paniculata Grandiflora**.—One of the most desirable flowering shrubs; attains a height of 4 to 5 feet, flowering from July to November, bearing immense panicles of bloom, a foot or more in length; color, creamy white with pink flush. Prune back in early spring, about half of previous year's growth; flowers are borne on the new wood. Hardy everywhere; good for cemetery planting.

**2 to 3 feet, each, 25c to 50c; 3 to 4 feet, 75c**  
**Tree shaped, each, \$1.00**

**LILACS**

**Common Purple (Syringa Vulgaris)**  
Very fragrant, an old favorite. **3 to 4 feet, 50c; per 10, \$4.50.**

**Common White (Syringa Vulgaris)**  
Same as above, flowers white. **3 to 4 feet, 50c; per 10, \$4.50.**

**FINE NAMED VARIETIES**

**Grafted Standards, 6 ft. \$1.25 each.**  
**Choice plants, 3 to 4 feet, each, 75c.**

**CHAS. X—Single**

A strong rapid grower; trusses large and loose, color reddish purple.

**MARIE LE GRAYE—Single**

Flowers large, beautiful creamy white; bush dwarf.

**MICHEL BUCHNER—Double**

Pale lilac.

**PRES. GREVY—Double**

Magnificent; beautiful blue panicla; very large.

**LUDWIG SPAETH—Single**

Very fine; trusses large; deep purple.

**MME. LEMOINE—Double**

White color; fine for winter forcing.

**PRES. CARNOT—Double**

Fine, lavender, with white center, late flowering.

**MOCK ORANGE (Philadelphus)**

**3 to 4 feet, 50c; per 10, \$4.00.**

**Grandiflora**

Flowers large and slightly fragrant. Slender twig habit. **Price, 3 to 4 feet, each, 50c; per 10, \$4.00.**

**QUINCE FLOWERING (See Page 34)****SNOWBALL****Japanese**

Flowers pure white, delicate, large globular heads, in May. **2 to 3 feet, 75c. See cut.**

**Common**

Flowers globular, pure white, in May. **3 to 4 feet, each, 50c; per 10, \$4.00.**

**SCOTCH BROOM**

Rapid growing, hardy; trusses of yellow flowers in May. **50c.**

**SMOKE TREE**

Low growing and shrubby, flowers feathery, appearing like a cloud of smoke. **75c to \$1.00.**

**Spiraeas**

**Queen Alexandra**—Soft, beautiful pink, free flowering, vigorous; a valuable new variety.

**Peach Blossom**—Dainty new pink of great beauty; good grower, free bloomer.

**Anthony Waterer**—A handsome shrub, that blooms about the close of June; flowers red.

**Clumps, each, 75c**

**Billardi**—Produces fine, rose-colored flowers, and blooms nearly all summer.

**Strong clumps, each, 60c**

**Prunifolia, Bridal Wreath**—The pretty double white flowers are in bunches of twos and threes, and usually expand about May 1.

**Clumps, each, 75c**

**Thunbergii**—Of graceful habit; branches are slender and somewhat drooping; foliage yellowish-green; flowers small, white, appearing early.

**Clumps, each, \$1.00**

**Van Houtte**—The grandest of all the Spiraeas. It is a beautiful ornamental for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Perfectly hardy and an early bloomer.

**2 to 3 feet, 60c to 75c**

**TAMARIX**

Elegant, fine flowering and handsome foliage. Flowers carmine-red. August, September. **3 to 4 feet, 50c.**

**WEIGELIA****Candida**

Flowers white; bush tall and very graceful.

**75c.**

**Rosea**

Flowers light pink, shrub compact and shapely. **75c.**

**Eva Rathke**

Flowers red, one of the best. Slightly dwarf. **75c.**

**Variegated**

Leaves become silvery white. **75c.**

## Climbing Vines

### Clematis



Wistaria

#### AMPELOPSIS

##### *Veitchii* (Boston Ivy)

Leaves glossy green, coloring bronze in fall; flowers small; berries deep blue. 35c.

##### *Quinquefolia* (Virginia Creeper)

Common American Ivy. 35c.

##### **BIGNONIA GRANDIFLORA** (Trumpet Vine)

Strong climber; deciduous; flowers orange-scarlet. 50c.

##### **BIGNONIA TWEEDIANA**

Evergreen, clinging; flowers canary yellow. 50c.

One of the most beautiful and useful climbers, adapting themselves to every requirement. Their magnificent flowers, borne in greatest profusion in beautiful shades of lavenders, purples, reds and white, make them especially attractive. Clematis requires a rich loamy soil, but manure should not touch the roots. Cut out the weak and surplus branches in the spring, and tie the vine up well to its support. We offer the best of the hardy large flowering varieties.

Ramona—Beautiful lavender; best of its color.

Montana—White, anemone-like flowers, May to July; very hardy, rapid grower.

Henryi—Fine, large, creamy white flowers; a strong grower and very hardy.

Jackmanii—Intense violet-purple, with a rich velvety appearance; distinctly veined. The most popular and finest Clematis we have.

Mad. Ed. Andre—A beautiful, new variety; flowers red, large and abundant.

Choice plants of above sorts, each, 60c;

Large plants, each, 75c to \$1.00, postpaid

**Clematis paniculata**—A strong, rapid and vigorous grower; it produces sheets of medium-sized, pure white flowers of the most pleasing fragrance; it is perfectly hardy and well adapted for covering trellises or fences.

Choice plants, each, 25c to 50c; large, 40c to 60c

#### Belgian

Flowers yellow, blottedch with red above; blooms all summer, fragrant. Each, 50c.

#### Japanese

Evergreen; fragrant flowers, white changing yellow. Each, 35c.

#### Hall's

Evergreen, very popular; white turning to yellow. Each, 50c.

#### IVY—English

Large, thick, shining, leathery leaves. Each, 35c.

#### JASMINE

##### *Nudiflorum*

Branches drooping, enveloped with bright yellow flowers before leaves appear. Each, 50c.

##### Gardenia Flowered—Cape Jasmine

Free blooming, pure white flowers, star shaped; foliage delicate; evergreen. Each, 50c.

### Wistaria

**W. Sinensis**—Chinese Wistaria—One of the most elegant and rapid growing of all climbing plants; grows 15 to 20 feet in a season; has long pendulous clusters of pale blue flowers in May and June and in autumn.

Choice plants, each, 35c to 50c; large, 75c to \$1.50

**W. Multijuga**—Similar to above, but flowers are darker. Each, 75c to \$1.50

**W. Brachybotrys**—White flowering. Each, 75c to \$1.50

## PORTLAND SEED COMPANY'S "Diamond" Fancy Lawn Mixture

To have a good lawn the soil must be fine and rich, and well leveled. Then the best seed obtainable should be used. Plant any time from September until late spring, depending upon the weather and soil conditions. Raking in the seed is advisable, and rolling greatly improves the turf. In watering your lawn soak it deeply and not too often, as light watering every day brings the roots close to the surface, where they quickly burn or dry out. You must not expect to make a fine lawn with cheap seed. The best lawn grass mixture will cost more at first than the poorer substitute, but it will be found much cheaper and more satisfactory in the end. Our "Diamond Quality" Fancy Mixed Grass Seed is prepared from the choicest recleaned Grass Seeds that have been carefully selected for their fineness and deep rooting, close growing habits and seasonable qualities, producing an ideal dense, velvety turf of lasting quality that remains green throughout the year.

Price, per lb., 45c., postpaid; freight or express, per lb., 35c.;

Sow 1 pound to 400 square feet, 10 to 15 pounds to a 50-foot lot.

**WRITE US FOR SPECIAL MIXTURES FOR TERRACES, SHADY PLACES, DRY OR WET LAND.**

See Our General Catalog for

# "Diamond Quality" SWEET PEAS

**FINEST, EARLIEST FLOWERS** are produced from **FALL PLANTINGS** of our select varieties. Full information on request.

Join the OREGON SWEET PEA SOCIETY and win our handsome Solid Silver Challenge Cup (value \$60.00).

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**HOLLIES FOR HEDGES** Extra choice, all sizes up to 5 feet.  
Write for Special Bargain Prices



"DIAMOND  
QUALITY"

# Fertilizers

We are the largest dealers and carry the most complete stock of Fertilizers in the Northwest. They are of guaranteed analysis, conforming to the standards required by the State Laws of Oregon.

Ask for our Special Fertilizer Catalog, containing valuable information on the use and application of Fertilizer.

FERTILIZER	Nitrogen	Available Phosphoric Acid	Potash	Per 100 lbs.	Per 224 lb. Bag	Per Ton
No. 1, Complete	2 to 3 %	7 to 8 %	8%	\$1.90		\$36.00
No. 4, Fruit	2½ to 3 %	8 to 8½ %	10%	2.00		38.00
No. 5, Lawn	3½ to 4 %	10%	4%	2.25		
Pure Bone Meal	3½ %	20%		1.85		35.00
Animal Fertilizer (Ground Meat)	5 to 5½ %	11 to 12 %		1.75		32.00
Super Phosphate		17 to 18 %		1.60		29.00
Muriate of Potash			49 to 50 %	3.25	\$6.50	54.00
Sulphate of Potash			50 to 50¼ %	3.50	7.25	60.00
Kanit			12 to 14 %	1.50	2.50	20.00
Nitrate of Soda	15 to 15½ %			3.25		55.00
Blood Meal	10 to 10½ %	3 to 4 %		3.25		

We are general agents for the German Kali Works, and can supply their Potash in any quantity. Write for prices on car lots.

## BEST FERTILIZERS FOR SPECIAL PURPOSES.

	POUNDS PER ACRE	FERTILIZER TO USE	WHEN TO APPLY.
Apples	400 to 600	No. 4	Fall or early spring.
Asparagus	300 to 600	No. 1 with Nitrate of Soda	Spring.
Berry bushes	100 to 200	No. 4	Fall or Winter preferred, or early spring.
Fruit trees and bushes	400 to 800	No. 4	Fall or Winter preferred, or early spring.
Flower beds	400 to 800	No. 4	Fall or early spring.
See Plants, etc.		No. 5	Apply fall or spring, broadcast.
Grapes	400 to 800	"Diamond" Plant Food	Directions on each package.
Grass for lawns	400 to 800	No. 1	Early spring.
House plants		No. 5	Worked in the top soil when cultivating or making beds.
Nursery stock	325 to 650	A teaspoonful to a plant or broadcast	Fall, winter or spring.
Plants, flowering, out-door		No. 5	
Roses, etc.	½ to 1 lb. per plant	No. 5	
Shrubs, trees, etc.	½ to 3 lbs. per plant	No. 5	

## PLANTING TABLES

### DISTANCES RECOMMENDED FOR PLANTING.

Apples (Standard)	25 to 40 ft. each way	Currents	5 ft. x 3 ft.
Pears (Standard)	20 to 35 ft. each way	Gooseberries	5 ft. x 3 ft.
Quince	15 ft. each way	Strawberries (hills)	36 in. x 18 in.
Peaches	18 to 24 ft each way	Strawberries (matted rows)	48 in. x 12 in.
Plums	15 to 20 ft. each way	Grapes	8 x 8 to 10 x 12 ft.
Cherries	25 to 40 ft. each way	Asparagus	4 x 1 ft.
Blackberries	6 ft. x 4 ft.	Rhubarb	4 x 2 ft.
Raspberries	6 ft. x 3 ft.		

### NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES.

In planting trees the greater distance should be given in the richer soils.

DISTANCE APART.	Square Method.	Triangular Method.	DISTANCE APART.	Square Method.	Triangular Method.
	ft.	in.		ft.	in.
1 foot apart each way	43,560	50,300	15 feet apart each way	198	223
2 feet apart each way	10,890	12,575	16 feet apart each way	170	196
4 feet apart each way	2,722	3,143	20 feet apart each way	108	125
6 feet apart each way	1,210	1,397	25 feet apart each way	70	81
9 feet apart each way	537	620	30 feet apart each way	48	55
10 feet apart each way	435	502	40 feet apart each way	27	31

**RULE SQUARE METHOD**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows; this gives the number of square feet for each plant or hill; divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

**RULE TRIANGULAR METHOD**—Divide the number required to the acre "square method" by the decimal .866. The result will be number of plants required to the acre by triangular planting.

## LEWIS PLANTING BOARD

When your stakes are placed, where the trees are to be set, take an inch board 6 inches wide and 6 feet 6 inches long, bore a  $\frac{3}{4}$  inch hole in the center of each end and cut a notch in the side at center that your trees will fit into. Now take two small stakes 12 inches long that will slip easily through the end holes, place the center notch around the stake where the tree is to stand, place a small stake through each of the holes in the ends, now lift your board leaving the small stakes in the ground, dig the hole, replace the board over the stakes and set the tree in the notch, plan it in this position and your orchard will "line up" perfectly.

# "DIAMOND QUALITY" NURSERY STOCKS GROWN IN OREGON



TWENTY-FIVE THOUSAND DWARF FRUIT TREES, TWO YEARS OLD—(Photo July, 1911)

Dwarf Trees are best for Home Gardens — See page 48

TREES AND PLANTS ARE DUG AND  
PACKED AS ORDERED AND ARE  
GUARANTEED TRUE TO NAME